CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Aug. 17	Brooklyn, N. Y.	Aug. 12
Aug. 17	Long Island City, N. Y.	Aug. 12
Aug. 17	St. George, S. I., N. Y.	Aug. 12
Aug. 23	Middletown, N. Y.	Aug. 12
	Adv. Aug. 5 and 12.	
Aug. 24	Cedarburg, Wis.	Aug. 5
Aug. 25	Marcy, N. Y.	July 29

SEWERS

Aug. 13	Bedford Hills, N. Y.	Aug. 5
Aug. 16	Lebanon, Pa.	Aug. 5
Aug. 16	Long Island City, N. Y.	Aug. 12
Aug. 17	Armour, S. D.	July 29
Aug. 17	Chester, Pa.	Aug. 12
	Adv. Aug. 12.	
Aug. 18	Baltimore, Md.	Aug. 12
Aug. 20	Brooklyn, N. Y.	Aug. 12
Aug. 23	Allentown, Pa.	Aug. 5
Aug. 23	Euclid, O.	Aug. 12
Aug. 25	Reading, Pa.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 31	St. Louis, Mo.	Aug. 12

BRIDGES

Aug. 17	Rochester, N. Y.	July 22
	Adv. July 22 to Aug. 12.	
Aug. 18	Augusta, Me.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 18	Michigan	Aug. 12
Aug. 18	Baltimore, Md.	Aug. 12
Aug. 19	Idaho	Aug. 12
Aug. 20	Missouri	Aug. 12
Aug. 20	Bristol, Conn.	Aug. 5
Aug. 21	Fredericton, N. B.	July 15
Aug. 23	Claxton, Ga.	Aug. 12
Aug. 23	Bonham Tex.	July 22
Aug. 24	Harrisburg, Pa.	Aug. 5
	Adv. July 29 to Aug. 12.	July 29
Aug. 25	North Carolina	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 25	Powys (Trout Run P. O.), Pa.	Aug. 5
Aug. 25	Reading Pa.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 25	Maine	Aug. 12
	Adv Aug 12	
Sept. 6	Nenana, Alaska	Aug. 5
Sept. 6	Burlington, Ont.	Aug. 12
Sept. 10	Victoria, B. C.	Aug. 12
Sept. 15	Portsmouth, N. H.	Aug. 12
	Adv. Aug 12	

STREETS AND ROADS

Aug. 13	New York, N. Y.	Aug. 5
Aug. 14	Charleston, W. Va.	July 22
	Adv. July 22 to Aug. 12.	
Aug. 15	Monticello, Miss.	July 29
Aug. 15	Denver, Colo.	Aug. 5
Aug. 16	Palestine, Tex.	Aug. 12
Aug. 16	New York, N. Y.	Aug. 12
Aug. 16	St. Paul, Minn.	Aug. 12
Aug. 17	Sault Ste. Marie, Mich.	Aug. 12
Aug. 17	Denton, Tex.	Aug. 12

Bids Close		See Eng. News-Record
Aug. 17	Ontario	Aug. 12
Aug. 17	Columbus, O.	Aug. 5
Aug. 17	Lecompte, La.	Aug. 5
Aug. 17	Sault Ste Marie, Mich.	Aug. 5
Aug. 17	Decatur, Ga.	Aug. 5
Aug. 17	Lapeer, Mich.	Aug. 5
Aug. 17	Leavenworth, Kan.	Aug. 5
Aug. 18	Wisconsin	Aug. 5
Aug. 18	New York, N. Y.	Aug. 12
Aug. 18	Arkansas	Aug. 12
Aug. 18	Carrollton, Ga.	Aug. 5
Aug. 18	Canyon, Tex.	July 29
Aug. 18	Kalamazoo, Mich.	July 29
Aug. 18	Three Rivers, Que.	Aug. 12
Aug. 18	Baltimore, Md.	Aug. 5
Aug. 19	Idaho	Aug. 12
Aug. 19	New York, N. Y.	Aug. 12
Aug. 20	Colorado	Aug. 12
Aug. 20	Tennessee	Aug. 12
Aug. 20	Tennessee	Aug. 12
Aug. 20	Rutherfordton, N. C.	Aug. 5
Aug. 20	Ohio	Aug. 5
Aug. 20	Amarillo, Tex.	July 29
Aug. 20	Amarillo, Tex.	July 29
	Adv. July 29 to Aug. 12.	July 22
Aug. 20	Oswego, Kan.	Aug. 5
Aug. 20	St. Joseph	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 21	Missouri	Aug. 12
Aug. 23	New Jersey	Aug. 12
Aug. 24	Michigan	Aug. 12
Aug. 24	Webster Springs, W. Va.	July 29
	Adv. July 29 to Aug. 12.	
Aug. 24	Missouri	Aug. 5
Aug. 24	Columbia, S. C.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 24	Glenville, W. Va.	Aug. 12
Aug. 24	Morgantown, W. Va	Aug. 12
Aug. 25	North Carolina	Aug. 12
Aug. 26	Elkins, W Va	Aug. 12
Aug. 27	Troy, Kan.	Aug. 12
Aug. 29	North Bergen, N. J.	Aug. 5
Sept. 1	Wilson, N. C.	Aug. 5
	Adv. Aug. 12.	Aug. 12
Sept. 3	Olathe, Kan.	Aug. 5
Sept. 7	Greenfield, Ind.	Aug. 12
Sept. 7	Aitkin, Minn.	Aug. 12
Sept. 8	Cottonwood Falls, Kan.	Aug. 12
Sept. 21	St. George, S. C.	Aug. 12

EXCAVATION AND DREDGING

Aug. 16	Olivia, Minn.	Aug. 12
Aug. 16	Madison, Minn.	Aug. 12
Aug. 18	Albert Lea, Minn.	Aug. 12
Aug. 19	St. Peter, Minn.	Aug. 5
Aug. 24	Cedar, Minn.	Aug. 12
Aug. 25	St. John, N. B.	Aug. 12

INDUSTRIAL WORKS

Aug. 15	Port Arthur, Ont.	July 22
Aug. 17	New Orleans, La.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 24	Spring City, Pa.	Aug. 12
Sept. 1	Hutchinson, Kan.	Feb. 19

BUILDINGS

Aug. 14	Prospect, O.	Aug. 5
Aug. 15	Mitchell, S. D.	Aug. 5
Aug. 15	Hinckley, Minn.	Aug. 5
Aug. 15	Montreal, Que.	Aug. 5
Aug. 15	Verdun, Que.	July 22
Aug. 16	Sioux City, Ia.	July 29
Aug. 16	Kalamazoo, Mich.	June 17
Aug. 19	Coburn, Ia.	Aug. 5
Aug. 19	Syracuse, N. Y.	Aug. 5
Aug. 20	Detroit, Mich.	Aug. 12

Bids Close		See Eng. News-Record
Aug. 20	Ely, Minn.	Aug. 12
Aug. 21	London, Ont.	Aug. 12
Aug. 21	Rolla, N. D.	July 22
Aug. 23	Brooklyn, N. Y.	Aug. 5
Aug. 24	Lincoln, Kan.	Aug. 12
Aug. 25	Lakewood (Cleveland P. O.), O.	Aug. 12
Aug. 26	Urbana, O.	Aug. 12
Aug. 26	Ottawa, Ont.	Aug. 12
Aug. 30	Petersburg, Ind.	Aug. 12
Aug. 31	Manchester, N. H.	Aug. 12
Sept. 1	Cedar Rapids, Ia.	Aug. 12
Sept. 3	Ft. Wayne, Ind.	Aug. 5
Sept. 3	Ollie, Ia.	July 29
Sept. 2	Jeanette, Pa.	Aug. 12
Sept. 15	Denver, Col.	Aug. 12
Sept. 15	Denver, Col.	Aug. 12
		Aug. 5

FEDERAL GOVERNMENT WORK

Aug. 16	Diversion Dam—Florence, Ariz.	July 15
Aug. 16	Remodeling Boiler — Ft. Stanton, N. M.	July 29
Aug. 17	Boiler—Cleveland, O.	Aug. 5
Aug. 17	Road Work—Washington, D. C.	Aug. 5
Aug. 18	Pier — Spec. 4165 — Guantanamo, Cuba	July 22
Aug. 18	Cast Iron Ballast Balls, etc. —Tompkinsville, N. Y.	Aug. 3
Aug. 19	Steel Bell Buoys, etc. — Tompkinsville N. Y.	Aug. 5
Aug.23	Stern Wheel Steel Towboat Hull—Vicksburg, Miss.	Aug. 5
	Adv. July 29 to Aug. 12.	
Aug. 23	Remodeling Post Office — South Bend, Ind.	Aug. 5
Aug. 24	Canal—Caldwell, Idaho	July 15
Aug. 25	Heating System—Spec. 4189 —Mare Island, Cal.	Aug. 12
Aug. 25	Station, etc.—Fairport, O.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 25	Steam Distributing and Condensate Return System — Spec. 4258—Hampton Rds, Va.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 26	Return Flue Boilers—Memphis, Tenn.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 26	Steel Hull—Memphis, Tenn.	Aug. 5
	Adv. July 29 to Aug. 12.	
Aug. 26	Dredging — Providence, R. I.	Aug. 5
	Adv. July 29 to Aug. 12.	
Aug. 27	Remodeling Post Office and Court House — Roanoke, Va.	Aug.5
Aug. 27	Sewage Ejector—Del Rio, Tex.	Aug. 12
Aug. 30	Stern Wheel Steamboat — St. Louis, Mo.	Aug. 5
	Adv. Aug. 5 and 12.	
Aug. 31	Remodeling Post Office— Astoria, Ore.	Aug. 12
Sept. 3	Post Office—Columbia, S. C.	Aug. 5

MISCELLANEOUS

Aug. 16	Cement, Crushed Rock, etc. —St. Paul, Minn.	Aug. 12
Aug. 17	Motor Driven Pump, Oil Switches, Air Compressor— Florence, Wis.	July 29
Aug. 17	Piles—Detroit, Mich.	July 29
Aug. 17	Wharf—Bass River, N. S.	Aug 5
Aug. 17	Wharf — Campbell River, B. C.	Aug. 5
Aug. 17	Wharf—Graham Landing, B. C.	Aug. 5

Bids Close		See Eng. News-Record
Aug. 17	Wharf—New Orleans, La...Aug. 5 Adv. Aug. 5 and 12.	
Aug. 17	Rails—Philadelphia, Pa....Aug. 12	
Aug. 17	Pumps—Summit, N. J.....Aug. 12 Adv. Aug. 12.	
Aug. 17	Wharf—Kootenay, B. C..Aug.	5
Aug. 17	Wharf—Nandimo, B. C....Aug.	5
Aug. 17	Lamp Post and Gas Mantles —St. Louis, Mo. .....Aug.	5
Aug. 18	Ash Fillers, Coal Platform, etc.—Baltimore, Md. ....Aug.	12
Aug. 18	Plumbing, etc.—Brooklyn, N. Y. .....Aug.	12
Aug. 19	Dam—Montreal, Que.....Aug.	5
Aug. 23	Sludge Pump and Motor—Willmar, Minn. .....Aug.	12
Aug. 31	Wharf—Owen Sound, Ont..Aug.	12
Sept. 6	Retaining Wall, etc.—Cleveland, O. .....Aug.	12
Sept. 9	Terminal—Buffalo, N. Y...Aug. Adv. Aug. 12.	12
Sept. 9	Terminal — Rouses Point, N. Y. .....Aug. Adv. Aug. 12.	12
Sept. 15	Street Paving, etc.—Philadelphia, Pa. .....Aug. Adv. Aug. 5 and 12.	5

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mich., Detroit—City election Aug. 31, to vote on $5,000,000 bonds to build filtration plant, with 300,000,000 gal. daily capacity, and $7,000,000 bonds to build extension to water mains. T. A. Leisen, Waterworks Park, engr.

Minn., Aitkin—T. R. Foley, city clk., soon receives bids building artesian well of 200,000 gal. daily capacity.

Minn., Pipestone—City rejected bids received July 15, improving waterworks system. About $50,000. Work will be readvertised. L. P. Wolff, 1000 Guardian Life Bldg., St. Paul, engr. Noted June 29

Kan., Osawatomie—City having preliminary plans prepared for 2,000,000 gal. reservoir and equipment. J. W. Allard, city clk. Black & Veatch, Interstate Bldg., Kansas City, Mo., engrs.

Kan., Portis—City had plans prepared and soon receives bids building new waterworks system, to include new well and distributing system. About $32,000. Archer & Stevens, 609 New England Bldg., Kansas City, Mo., engrs. Noted June 24.

S. D., Sioux Falls—See "Industrial Works."

Ont. East View—Town voted $75,000 bonds to build c.i. water mains and install pumping machinery.

BIDS DESIRED

N. Y., Brooklyn—Until Aug. 17, by N. J. Hayes, comr. water supply, gas and electricity, Municipal Bldg., New York City, hauling and laying watermains and appurtenances in Brighton Beach, Coney Island and Neptune Aves.

N. Y., Long Island City—Until Aug. 17, by N. J. Hayes, comr. water, gas and electricity, Municipal Bldg., New York City, hauling and laying watermains and appurtenances in Nott and 16th Aves., Sherman St., Maxwell and 59th Aves., Murray and 25th Sts. and in head of Vleigh and 76th Rds., Queens Boro.

N. Y., St. George, S. I.—Until Aug. 17, by N. J. Hayes, comr. water, gas and electricity, Municipal Bldg., New York City, hauling and laying watermains and appurtenances in Barnard St., Bradley, Chicago, Davis, Egbert, Holland, Mada, St. Marys and Winant Aves., Duer Lane, Maple Parkway and Continental Pl., Richmond Boro.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Wis., River Falls**—City will build 150 ft. solid masonry dam, 24 ft. high. About $25,000. Work will be done by day labor. Noted July 8.

★**Minn., Albert Lea**—City let contract building 1,500,000 gal. reservoir, also pressure concrete tank, 140 ft. high, to McManis & Tarnoski, 484 Endicott Bldg., St. Paul. About $70,000.

★**Minn., Ely**—City let contract for alterations to municipal water and light plant, to L. M. Bartlett, 604 Builders' Exch., Minneapolis, $14,960; piping, to Amer. Heating Co., 228 West Michigan St., Duluth, $17,700.

★**Kan., Arcadia**—City let contract improving waterworks systems, to E. L. Garrettson & Bros., Ft. Scott. About $30,000. Noted March 18.

Sewers

PROPOSED WORK

Mass., Boston—City plans to build surface drains and sanitary sewers in Saville, Wren, et al streets. About $46,814.

N. J., Atlantic City—City having plans prepared building sewage disposal plant. About $60,000. C. Potts, 30 Church St., New York City, engr.

O., Akron—City receives bids about Sept. 4 building sewer in Morgan St. between Grant and Brown Sts., also 1,139 ft. extension in Firestone Blvd. from South Main St. to right of way of Northern Ohio Traction & Light Co. About $53,850. J. E. Root, supt. Bureau of Sewage.

Mich., Detroit—City election Aug. 31, to vote on $25,000,000 bonds to build sewers in various streets. Plans include Linwood system extension cost, $150,000; sewer in Six Mile Rd. from Conant to Linwood Aves., $1,759,000; 3rd St. Extension, $900,000; Michigan Ave. Sewer, $80,000; small arms, other sewers, $1,200,000; Livernois Ave. Sewer, $1,500,000; Conners Creek Project, $13,000,000; addition to Bates St. Sewer, $2,100,000; Joy Rd. Extension, $1,160,000; sewer in Six Mile Rd. from Linwood to Livernois Aves., $611,000; Seven Mile Rd., $2,200,000; Snyder Rd., $2,000,000; Conners Creek interceptors, $1,035,000. C. U. Hubbell, city engr.

S. D., Sioux Falls — See "Industrial Works."

Tex., Amarillo—City plans election soon to vote on $60,000 bonds to build sanitary sewers and $18,000 bonds, for sewage disposal plant. Address, Mayor.

Utah, Ogden—City plans to build sewers in various streets in Dist. 144, involving 22,000 ft. 8 in. vitr. pipe. About $150,000. W. M. Tracy, city engr.

BIDS DESIRED

N. Y., Brooklyn—Until Aug. 20, by E. Riegelmann, boro. pres., furnishing labor and material repairing pipe sewer in Greene Ave. at Washington Ave. Noted July 15.

N. Y., Long Island City—Until Aug. 16, by M. E. Connolly, pres. Queens Boro., building sewer and appurtenances in Flushing Ave. from Collins to Clermont Aves., Clermont Ave. from Flushing Ave. to Hemlock Pl., Laurel Hill Ave. from Jackson to Foster Aves. with temporary connections to sewer in Jackson Ave., Barnett Ave. from Laurel Hill to Middleburg Ave., Middleburg Ave. from Barnett Ave. to Packard St., Packard St. from Middleburg to Foster Aves., Skillman Ave. from Laurel Hill Ave. to Hancock Pl., Locust St. from Skillman to Foster Aves., also building temporary sanitary sewer and appurtenances in Prospect St. from Atlantic to Cumberland Sts.

Pa., Chester—Until Aug. 17, by B. Newsome, city clk., building sewers in Crozer and Mowry Sts.; advertised in this issue.

Md., Baltimore—Until Aug. 18, by Bd. Awards, c/o City Register, building hydrolytic tank and appurtenances, at Sewage Disposal Wks., on west shore of Back River, Baltimore Co., involving 11,500 cu.yd. excav., 1,100 cu.yd. Class "A," 600 cu.yd. Class "B" and 27 cu.yd. Class "C" concrete masonry, 138,000 lb. reinforcing rods, 33,000 sq.ft. expanded metal, two 12 in. and ten 24 in. circular sluice gates, .9 ton flaned special castings, removing concrete masonry, bulkheads and terra cotta pipe, also sludge digestion tank, pipe lines and appurtenances, 2,200 cu.yd. excav., 1,000 cu.yd. Class A" and 180 cu.yd. Class "B" concrete masonry, 124,000 lb. reinforcing rods, 9,800 sq.ft. expanded metal, 536 lin.ft. c.i. pipe, placing 2 iron ladders, 21 gate valves and sluice gates, removing c.i. pipe and concrete masonry; building extension to Stoney Run Trunk Sewer, near University Parkway, 162 lin.ft. 18 in. vitr. pipe sewer, 175 cu.yd. earth, 20 cu.yd. rock excav., etc. H. G. Perring, ch. engr.

O., Euclid—Until Aug. 23, by village laying water mains also storm and sanitary sewers in East 230th St., Ball, Morris, Priday, Wilmore, Westport Arms Aves., South Lakeshore Blvd., land Rd., Garland, Fern, Azalia, Marshall Orchard and East Lawn Drives. $100,000. F. A. Pease Eng. Co., 801 Marshall Bldg., Cleveland, engrs.

Mo., St. Louis—Until Aug. 31, by Pub. Serv., trenching, furnishing and laying 10,665 ft. sewers with manholes and other appurtenances, in Glaise Creek Sewer Dist. 17, involving 9,085 ft. 6-30 in. pipe and 1,580 ft. 39-48 ft. segmental pipe. About $70,000. W. W. Horner, City engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. Y., Pelham Manor—Village let contract building storm water drains and sanitary sewers in various streets, to Smith Bros. Contg. Co., Inc., Pelham, $89,507.

★**D. C., Wash.**—Dist. Comrs., Dist. Bldg., let contract laying 2,750 lin.ft. 4 ft. 6 in. x 5 ft. 6 in. brick and concrete sewer pipes, to W. F. Cush, 3rd and R Sts., $78,000.

O., Cleveland—City received bids July 22, building sewer in Miles Ave. from old to new city limits, from W. McDowel & Son, 10319 Miles Ave., $30,879; Amato Constr. Co., 343 The Arcade, $31,900; Gallagher-Burke Constr. Co., 1339 Irene Ave., $32,881; Nelson Ave. from East 99th to East 112th Sts. from A. J. Galvin, 343 The Arcade, $28,200; N. Iafornaro, 3218 Murray Hill Rd., $31,339; Gantose Constr. Co., Columbia Bldg., $34,079; Ferris Ave. from East 123rd to 131st Sts. from Sprague & Burkhart, 12011 Woodland Ave., $5,235; Stevens & McKeon, 343 The Arcade, $5,980.

★**Mich., Detroit**—City let contract furnishing labor and material building Laterals 3295 and 3296, to Western Constr. Co., 1208 Ford Bldg., $4935 and $10,358 respectively 3297, to Oakwood Constr. Co., 165 Fort Blvd., $17,511; 3302, to N. Mancini, 580 Concord St., $4,600; Coventry Blvd. Arm., to Lennane & McIlvenna, 1205 Book Bldg., $205,877; John R. Arm, to Jayhes & Affeld, 1208 Ford Bldg., $59,292; Charleston Ave., to J. Porath, 23 McGraw Bldg., $69,139. Noted July 22 and 29.

Mich., Detroit—Dept. Pub. Wks received bids July 29, furnishing labor and material building (1) Lateral 3280, between Gratiot, Roseberry and Promanade Sts., (2) 1,080 ft. Lateral 3304, Fisher, Crane, Georgia and Marcus Sts., 12-15 in. vitr. crock, (3) 5,970 ft. Lateral 3306, Connors, Lenox, Debuck and Forest Sts., 10-12 in. vitr. crock, (4) 1,428 ft. Lateral 3313, Jos Campau, Mitchell, Carpenter and Hallock Sts., 12-18 in. vitr. crock, (5) 2,892 ft. Lateral 3315, Riopelle, Dequindre and Davison Sts., 12-20 in. vitr. crock, from Western Constr. Co., 1208 Ford Bldg., (1) $69,826, (3) $18,900; Langley & Barton, 100 Penobscot Bldg., (1) $76,328, (3) $18,647; Oakwood Constr. Co., 165 Fort Blvd., (1) $127,829, (3) $19,654, (4) $6,755; A. H. Haynes, 70 Davenport St., (2) $4,550; R. D. Baker, Penobscot Bldg., (4) $8,000, (5) $22,500. Noted July 22.

★**Wis., Sheboygan**—City let contract furnishing labor and material for excavating and laying 1.1 mi. vitr. sewers in Cooper Ave., to Olson & Murphy, Michigan Ave.

★**Ia., Doon**—City let contract building sanitary sewers, to R. Cox, Webster City, $43,543; sewage disposal plant, to Ward & Weighton, Sioux City, $14,634.

★**Minn., LeRoy**—City let contract building sanitary sewers in various streets, to O'Niel & Preston, St. Paul. About $52,000.

★**Tex., San Antonio**—City let contract building 4½ mi. sewers in Jones and Josephine Sanitary Sewer Dist. 56, to Cambell & Hengst, San Antonio. About $58,000.

★**Utah, Ogden**—City let contract furnishing labor and material for building sewers in Dist. 141, involving 5,500 ft. 8 in. vitr. pipe and 2,500 cu.yd. earth trenching, to Wheelwright Constr. Co., Ogden, $25,679.

Utah, Ogden—City received only bid July 15, building sewers in various streets in Dist. 142, involving 8,500 cu.yd. earth trenching and 22,000 ft. 8 in. vitr. pipe, from Wheelwright Constr. Co., Ogden, $93,208.

Bridges

PROPOSED WORK

W. Va., Logan—See "Miscellaneous."

Wis., Beloit—City Council passed ordinance authorizing $77,000 bonds to build bridge on Grand Ave. G. E. Herbnik city engr.

Bridges (Continued)

Wis., Sheboygan—City plans to sell $200,000 bonds to build double lift steel bascule bridge, 80 ft. wide, on South 8th St., to have 2 concrete walks on sides. Klug & Smith, 69 Wisconsin St., Milwaukee, engrs.

Wis., West Bend—City having plans prepared building 24 ft. span, rein.-con. and steel bridge on Division St., to have 30 ft. roadway, two 6 ft. rein.-con. walks, earth approach and fill. Cost between $25,000 and $30,000. Parsons & Orbert, 216 West Water St., Milwaukee, engrs.

Ia., Bancroft—See "Algona."

Ia., Conrad—Grundy Co. (Grundy Center) having plans prepared building two 80 ft. span rein.-con. bridges, with 20 ft. roadway and 5 ft. sidewalk. About $30,000. E. A. Crary, Grundy Center, engr.

Ia., Algona—Kossuth Co. having plans prepared building one 70 ft. span bridge, near here, also one 80 ft. span bridge, near Bancroft, both to have 20 ft. roadway. Alternate bids will be received on steel pony truss and rein.-con. arch designs. About $25,000. D. L. Leffert, Algona, co. engr.

Kan., Wichita—City voted $175,000 bonds to build concrete and reinforced steel bridge over Big Arkansas River, at Maple St., here. Engineer not selected.

Tex., Corpus Christi—See "Streets and Roads."

Tex., Jasper—Jasper Co. having plans prepared and soon receives bids building 300 ft. bridge, 16 ft. wide, over Angelina River. Alternate "A," includes one 150 ft. steel span and two 75 ft. steel spans with rein.-con. piers, involves 813 cu.yd. rein.-con., 184,000 lb. structural steel, 11,601 ft. b.m. lumber, 450 cu.yd. wet and 2,543 cu.yd. dry excav., etc., cost, $54,054. Alternate "B," two 150 ft. steel spans with rein.-con. piers, 624 cu.yd. Class "B" rein.-con., 216,000 lb. structural steel, 23,331 ft. b.m. lumber, 336 cu.yd. wet and 2,543 cu.yd. dry excav., etc., $50,204. C. P. Hunter, Jasper, co. engr.

BIDS DESIRED

Maine—Until Aug. 25, by State Highway Dept., Augusta, building Bradbury Bridge, rein.-con., in Biddeford, York Co.; steel swing superstructure for Belfast Lower Bridge, Belfast, Waldo Co.; abutments and steel superstructure for Cumberland St. Bridge, Westbrook, Cumberland Co. P. D. Sargent, ch. engr.; advertised in this issue.

N. H., Portsmouth—Until Sept. 15, by Piscataqua River Bridge Comn., City Hall, building bridge across Piscataqua River between here and Kittery, Me. J. H. Bartlett, secy.; advertised in this issue. Noted July 29.

Md., Baltimore—Until Aug. 18, by Bd. Awards, c/o City Register, building 180 ft. rein.-con. bridge and approaches, over Gwynns Falls, on Windsor Mill Road, 48 ft. wide. H. G. Perring, ch. engr. Noted July 1.

Fla., Jacksonville—Jacksonville Terminal Co., Union Sta., and city receiving bids building Lee St. viaduct. About $300,000. F. Edwards, city engr.

Michigan—Until Aug. 18, by State Highway Dept., at office of Bd. Rd. Comrs. St. Clair Co., Port Huron, building State Reward Bridge R-82, 501, 101, over Belle River, Macomb and St. Clair Counties, 70 ft. low truss, rein.-con. floor, concrete piers, involving 27.6 cu.yd. rein.-con., 371.5 cu.yd. concrete, 25 ton steel and 900 cu.yd. wet channel excav.

Idaho—Until Aug. 19, by State Highway Dept., Boise, building four 140 ft. steel span bridges, over Walters Ferry, Canyon and Owyhee Counties, cost $75,000, also three 140 ft. steel span bridges at Grandview, in Ada and Owyhee Counties, $75,000, all to have wood trestle approaches and 18 ft. roadway.

N. B., Fredericton—Until Aug. 21, by C. B. Brown, Ch. Engr., Canadian Natl. Ry., Moncton, building substructure for railway bridge across St. John River here. Work involves 6,000 cu.yd. concrete, etc. About $210,000.

Ont., Burlington—Until Sept. 6, by Dept. Pub. Wks., Ottawa, removing present swing bridge, including substructure and superstructure and building foundations for single leaf bascule bridge, to include necessary excavation and cofferdams, over Burlington Canal. About $50,000. Bids will soon be received for superstructure. E. Lafleur, c/o Dept. Pub. Wks., Ottawa, engr. Noted April 1.

B. C., Victoria—Until Sept. 10, by City Council, building concrete substructure of bascule span bridge on Johnson St. About $100,000. F. M. Preston, City Hall, engr. Noted April 29.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Pa., Duboistown—Comrs. Lycoming Co. (Williamsport), let contract building 1,500 ft. steel truss bridge, over Susquehanna River,, to have seven 200 ft. spans on rein.-con. piers, to G. W. Rockwell, Sunbury, $441,268. Noted July 15.

★Pa., Pottstown—Comrs. Montgomery Co. (Norristown) let contract building bridge over Manatwaney Creek, on High St., to W. H. Just, Gwynedd Valley, $27,767.

★La., Plaquemine—Texas Pacific Ry., 165 Bway., New York City, let contract building 115 ft. single leaf, double track, heel trunnion bascule bridge, over Bayou Plaquemine, to Strauss Bascule Bridge Co., 104 South Michigan Ave., Chicago.

★Idaho—Bureau of Highways, Boise, let contract building five 175 ft. steel spans and one 175 ft. pile trestle bridges, with 18 ft. roadways, over Snake River, in Canyon and Owyhee Counties, to Union Bridge Co., 55 Argyle St., Portland, Ore., $61,884.

★Idaho—State Highway Dept., Boise, let contract building two 85 ft. and two 75 ft. steel span, one 30 ft. and one 24 ft. I beam bridges also one 4 x 12 concrete culvert, all to have 18 ft. roadways, on Yellowstone Park Highway, Federal Aid Project 16, Jefferson Co., to Perham & Harris, St. Anthony. About $63,900.

Streets and Roads

PROPOSED WORK

Mass., Boston—City plans to grade baseball field on Boston Common, build granolithic walk on Charles St. Mall and resurface present walk from West St. over Common to baseball field. About $50,000.

Mass., Brookline—Dept. Pub. Wks., Boston, plans to pave Cushman Rd., Easton St., et al., sheet asphalt, Topeka, bitulithic or Filbertine type. About $30,000.

Conn., Bridgeport—Bd. Park Comrs. plan to pave Boulevard from Seaside Park to Fayerswether Island, waterbound macadam. About $50,000. J. A. McElroy, city engr.

N. Y., New York—Park Bd., at office of Dept. Parks, Municipal Bldg., rejected bids received July 15, furnishing labor and material building North Island of Plaza at 5th Ave. between 50th and 60th Sts. Noted July 22.

New Jersey—State Highway Dept., Broad St. Bank Bldg., Trenton, plans to pave 14 mi. road from Bridgeton to Mullica Hill, Cumberland Co., 18 ft. wide. About $500,000. T. J. Wasser, Trenton, engr.

W. Va., Berkeley Springs—Comrs. Morgan Co. rejected bids received July 20 grading 18 mi. Berkeley Springs-Paw Paw Rd., involving 160,000 cu.yd. excav., 25% rock, 25 cu.yd. Class "A," 500 cu.yd. Class "B" and 65 cu.yd. Class "C" concrete, 700 lb. steel bars, 250 ft. wood rail, 200 ft. overhaul and 5,200 ft. 4-24 in. vitr. piping. M. S. Harmison, clk. Noted July 8.

N. C., Charlotte—Mecklenburg Co. plans to hard surface 18 mi. Charlotte-Davidson Rd., 18 ft. wide. W. S. Fallis, c/o State Highway Dept., Raleigh, engr.

Fla., Titusville—Brevard Co. plans to build 16 mi. Melbourne-Kissimmee Rd. About $150,000. State Highway Comn. will pay ½ of cost.

La., Shreveport—City soon receives bids paving various streets, involving 50,000 sq.yd. asphaltic wearing surface on concrete base. H. E. Barnes, city engr.

La., Winnfield—Winn Co. voted $1,000,000 bonds to build roads. K. Watts, clk.

O., Euclid—Village plans to build concrete or stone sidewalks on East 230th St., Midland Rd., Ball, Faxton, Morris, Friday, Wilmore, Westport and Arms Aves. About $75,000. F. A. Pease Eng. Co., Marshall Bldg., Cleveland, engrs.

Ind., Ft. Wayne—City soon receives bids grading, draining, curbing and paving 356 ft. Cherry St., 26 ft. wide, involving 1,151 sq.yd. paving, 416 cu.yd. excav., 804 lin.ft. curbing, cost $5,200; 588 ft. Comparet St., 26 ft. wide, 1,774 sq.yd. paving, 432 cu.yd. excav., 1,209 lin.ft. curbing, $8,600; 455 ft. Howell St., 24 ft. wide, 1,258 sq.yd. paving, 702 cu.yd. excav., 900 lin.ft. curbing, $6,250; 942 ft. State Blvd., 24 ft. wide, 2,600 sq.yd. paving, 838 cu.yd. excav., 1,955 lin.ft. curbing, $12,950. F. M. Randall, city engr.

Ind., Ft. Wayne—City plans to grade, drain, curb and pave 2,289 ft. Tecumseh St., 28 ft. wide, involving 7,473 sq.yd. paving, 2,533 cu.yd. excav., 4,794 lin.ft. curbing, cost $35,700; 1,245 ft. Berry St., 10 ft. wide, 1,382 sq.yd. paving 553 cu.yd. excav., $7,900; 2,559 ft. Lumbard St., 26 ft. wide, 7,753 sq.yd. paving, 3,000 cu.yd. excav., 4,977 lin.ft. curbing, $37,400. F. M. Randall, city engr.

Wis., Darlington—City having plans prepared grading and paving 100,000 sq.yd. Galena, Main, Ohio and Louisa Sts., 18 ft. wide. Alternate bids will be received on vitr. brick, wood block, asphalt and concrete. About $50,000. W. F. Reichardt, Watertown, archts.

Minnesota—Chicago & Northwestern R.R., 226 West Jackson Blvd., Chicago, plans to improve road and lay 26 mi. of 80 lb. steel rails in Sanborn and Cobden and from Sleepy Eye to Milford Siding. L. J. Putnam, Chicago, Ill., ch. engr.

Minn., St. Paul—Ramsey Co. receives bids about October paving 1 mi. Minnehaha St. from city limits to county line, 1 course concrete, 20 ft. wide. About $43,000. R. R. Godfrey, Court House, engr.

Missouri—State Highway Dept., Carthage, received no bids July 30, building 6.47 mi. Joplin-Carthage Rd., Federal Aid Project 84, also rein.-con. slab superstructure, 2 concrete piers and 2 plain abutments, Sta. 230+95 on above project. Noted July 15.

Missouri—State Highway Dept., Hermitage, received no bids July 28, building 8.1 mi. Preston-Collins Rd., Federal Aid Project 72. Noted July 15.

Tex., Angleton—Brazoria Co. soon receives bids grading, surfacing and draining 5.73 mi. Highway 36 in Rd. Dist. 24 16 ft. wide, involving 11 acres clearing and grubbing, 54,277 cu.yd. earth excav., etc. About $39,964. W. A. Randle, Freeport, engr. Noted July 29.

Tex., Center—Shelby Co., Rd. Dist. 1, voted $85,000 bonds to build section of Highway 8 and laterals; Rd. Dist. 2 voted $100,000 bonds to build roads branching out of Shelbyville. J. L. King, co. judge. T. H. Dillon, Center, co. engr.

Tex., Corpus Christi—Nueces Co. having plans prepared rebuilding 9,000 ft. causeway, Highway 9-12, over Nueces Bay, 20 ft. wide, concrete roadway, involving 3,000 lin.ft. wood trestle and 6,000 lin.ft. rock embankment. About $412,000. State will appropriate $100,000 toward cost, Federal Government, $200,000. H. A. Stevens, Corpus Christi, co. engr.

Tex., Linden—Cass Co. election Aug. 31, to vote on $1,500,000 bonds to build various roads. H. D. Nelson, co. judge. Hess & Skinner, Southwestern Life Bldg., Dallas, co. engrs.

Tex., McKinney—Collin Co. election Aug. 21, to vote on following bond issues: Blue Ridge Dist., $52,000, Copeville Dist., $24,000, Lavan Dist., $60,000. A. M. Wolford, co. judge. J. B. Crockett, McKinney, co. engr.

Tex., Stanton—Martin Co. voted $60,000 bonds to build 10 mi. Highway 1 from Midland Co. line to Howard Co. line. State Highway Dept. appropriated $60,000; total cost $120,000. J. H. Watson, co. judge.

Utah—State Highway Dept., Salt Lake City, plans to grade and surface 30.1 mi. road from Delta to Holden, 20 ft. wide, Millard Co., gravel. About $90,000. I. R. Browning, state highway engr.

Utah—State Highway Dept., Salt Lake City, plans to pave 4 mi. with 6 in. plain concrete, and grade, gravel surface and rewiden 8 mi. of state road between Marysvale and Junction, 18 ft. wide, Piute Co. About $196,000. I. F. Browning, state highway engr.

Utah, Ogden—City plans to build 59,517 lin.ft. of 5 ft. sidewalks, on various streets in Dist. 151. About $90,000. W. M. Tracy, city engr.

Ariz., Phoenix—Maricopa Co. plans election in fall to vote on $4,500,000 bonds to extend roads. This is in addition to $4,000,000 bonds recently voted.

Ont., Hamilton—City plans to pave 2 mi. York St. from James to Queen Sts. and King St. from James to Bay Sts., involving 25,000 sq.yd. wood block and asphalt on

Streets and Roads (Continued)

concrete base. About $111,000 and $41,000 respectively. E. R. Gray, city engr.

Ont., Niagara Falls—City plans to pave .75 mi. 5th, 6th and South Sts., 28-36 ft. wide, involving 9,000 sq.yd. asphalt or willite on concrete base. About $6,000, $15,000 and $22,000 respectively. D. T. Black, City Hall, engr.

Ont., Ottawa—Bd. Control soon receives bids paving Stewart St. from Waller to Chapel Sts., asphalt. About $33,000. A. T. Macallum, City Hall, engr.

Ont., Ottawa—City plans to pave 2,200 ft. various streets, 40 ft. wide, asphalt or bituminous. About $50,000. A. F. Macallum, City Hall, engr.

BIDS DESIRED

N. Y., New York—Until Aug. 16, by H. H. Curran, pres. Manhattan Boro., regulating and repaving with sheet asphalt on concrete foundation, roadway of Madison Ave. from 91st to 94th Sts., with granite block, areas between parkways on Delancey St. at intersections of Norfolk and Suffolk Sts., Lexington Ave. from 125th to 130th Sts., East 125th St. from 1st to 3rd Aves., with wood block, areas included between parkways on Delancey St. at intersections of Norfolk and Suffolk Sts., Lexington Av. from 125th to 130th Sts., East 125th St. from 1st to 3rd Aves., with asphalt block, Madison Ave. from 91st to 94th St., regulating, regrading, flagging, reflagging and building retaining wall at intersection of Hillside and St. Nicholas Aves., adjacent to Dyckman St. subway station entrance.

N. Y., New York—Until Aug. 19, by H. H. Curran, pres. Manhattan Boro., regulating and repaving with sheet asphalt on concrete foundation, roadway of West 54th St. from 7th to 9th Aves., West End Ave. from 69th to 72d Sts., West End Ave. from 76th to 91st Sts., with asphalt block, West 54th St. from 7th to 9th Aves., West End Ave. from 69th to 72nd Sts., West End Ave. from 76th to 91st Sts., with wood block, West 54th St. from 7th to 9th Aves., with granite block, Hudson St. from Chambers to Beach Sts.

N. Y., New York—Until Aug. 18, by H. Bruckner, pres. Bronx Boro., repairing sheet asphalt pavement in railroad area, when and where directed.

New Jersey—Until Aug. 23, by State Highway Comn., Broad St. Bank Bldg., Trenton, improving Sect. 8, State Highway from Leesville to Milton Aves., Rahway, Union Co, involving 15,810 sq.yd. concrete surface. R. Mullins, 790 Broad St., Newark, engr.

Md., Baltimore—Until Aug. 18, by Bd. Awards, c/o City Register, grading, curbing and paving Lauretta Ave. from Wheeler to Warwick Aves., Wheeler Ave. from Edmondson to Lauretta Aves., Warwick Ave. from Harlem Ave. to Lanvale St., Warwick Ave. from Edmondson Ave. to Franklin St., Wheeler Ave. from Harlem Ave. to Lanvale St., Lanvale St. from Warwick Ave. to Bentalou St., Oswego Ave. from Park Heights Ave. to Reisterstown Rd., involving 10,000 sq.yd. sheet asphalt, 3,000 lin.ft. armored concrete, 350 sq.yd. vitr. brick guttering, 1,500 lin.ft. combination curbing and guttering, and 3,800 cu.yd. grading.

W. Va., Elkins—Until Aug. 26 by T. Pritt, clk. Randolph Co., building 5.75 mi. Staunton-Parkersburg Rd., 16 ft. D paving; 2 mi. Seneca Pike Rd. and 4.5 mi. Dist. Rd., 9 ft. macadam. Separate bids for grading and draining. F. A. Parsons, co. engr.

W. Va., Glenville—Until Aug. 24, by N. E. Rymer, clk. Gilmer Co., grading 5 mi. Glenville-Weston Rd., 26 ft. wide. About $25,000. W. M. Moss, Cedarville, engr.

W. Va., Morgantown—Until Aug. 24, at Court House, Monongalia Co., grading 5,000 ft. road from Monon to Burchfield Run Rd., 16 ft. wide, involving 6,000 cu.yd. excav., 600 lin.ft. corrugated iron culvert pipe. J. M. Gregg, co. clk.

North Carolina—Until Aug. 25, by State Highway Comn., at div. office, Greensboro, grading and top soiling 5 mi. Federal Aid Project 125 A, Allegheny Co., 10.04 mi. Federal Aid Project 101 A, and 4.54 mi. Federal Aid Project 82, Davidson Co., also 20.53 mi. Federal Aid Project 98 A, Moore Co., all 16 ft. wide. W. S. Fallis, Raleigh, state highway engr.

N. C., Wilson—Until Sept. 1, by Mayor and Bd. Comrs., paving, extending sewers and watermains in various streets. T. A. Hinnant, clk., Gladding, Morrison & Mott, town engrs.; advertised in this issue.

S. C., St. George—Until Sept. 21, by Comrs. Dorchester Co., building various roads. About $200,000. Klutz & Smith, Concord, engrs. Noted July 8.

Tennessee—Until Aug. 20, by State Highway Dept., Nashville, grading and building drainage structures on 14.5 mi. road between McKenzie, Carroll Co. and Dresden, Weakley Co., involving 130,000 cu.yd. earth excav., 553 cu.yd. concrete, 46,700 lb. reinforcing steel, 1,094 lin.ft. 15-18 in. pipe, etc. W. P. Moore, ch. engr.

O., Cleveland—See "Miscellaneous."

Ind., Greenfield—Until Sept. 7, by Comrs. Hancock Co., building L. F. Richman, H. Gundrum and W. F. Klieman Rds., in Sugar Creek Twp., also J. Briney and L. Thomas Rds., Center Twp. C. Boone, co. engr.

Michigan—Until Aug. 24, by State Highway Dept., at dist. office, Port Huron, grading, draining and surfacing 2.528 mi. State Trunk Line Rd. 27-4, Sect. A, 18 ft. wide, St. Clair Co., involving 26,683 sq.yd. concrete, 7,531 cu.yd. earth excav., 306 lin.ft. pipe culverts and 294 cu.yd. concrete in culverts.

Mich., Kalamazoo—Until Aug. 18, by Bd. Rd. Comrs. Kalamazoo Co., grading and paving .382 mi. State Trunk Line Rd. 13-28, on Douglas Ave., 20 ft. wide, involving 4,487 sq.yd. vitr. brick on concrete base and 1,391 cu.yd. earth excav. State Highway Dept., Lansing, engrs.

Mich., Sault Ste. Marie—Until Aug. 17, by Bd. Rd. Comrs, Chippewa Co., grading, draining and surfacing 4.006 mi. State Trunk Line Rd. 48-2, Sect. B, 16 ft. wide, involving 11,346 cu.yd. earth excav., 37,599 sq.yd. gravel or waterbound macadam, 555 lin.ft. pipe culverts, 404.5 cu.yd. concrete in culverts, etc. State Highway Dept., Lansing, engrs.

Wisconsin—Until Aug. 18, by State Highway Comn., at div. office 6, 213 South Barstow St., Eau Claire, grading and paving 7.6 mi. Ellsworth-River Falls Rd., Federal Aid Project 122, Pierce Co., portions A and C, from Sta. 0 to 62 and 225 to 564, involving 36,427 cu.yd. earth, 580 cu.yd. channel change and 1,963 cu.yd. borrow excav., 417 cu.yd. Class "A" concrete, 66,791 sq.yd. 15 ft. macadam surfacing, 1,200 sq.yd. 18 ft. concrete surfacing, etc.; 4.5 mi. Medford-Cornell Rd., Federal Aid Project 125, Taylor Co., 18,263 cu.yd. earth, 696 cu.yd. ditching and 1,714 cu.yd. borrow excav., 170 cu.yd. Class "A," 147 cu.yd. Class "B" concrete (exclusive of bridge), 18 cu.yd. Class "A," 121.5 cu.yd. Class "B" and 53.9 cu.yd. Class "E" concrete in Morrow bridge, 87, 125 lb., structural steel, etc.; 7.75 mi. Hudson-Menomonie Rd., Federal Aid Project 15, St. Croix Co., 34,391 cu.yd. earth and 2,977 cu.yd. borrow excav., 283 cu.yd. Class "A" concrete in culverts, 233 cu.yd. Class "A" concrete in bridge, etc.

Minn., Aitkin—Until Sept. 7, by Aitkin Co., building 10 mi. Federal Aid Project 86, State Rd. 3, involving 6 acres clearing, 8 acres grubbing, 46,578 cu.yd. excav., 96,477 cu.yd. overhaul, 740 lin.ft. 12-36 in. sectional concrete culverts, 115 cu.yd. concrete in bridges, 6,162 lb. reinforcing steel, removing old bridges, etc. About $40,000. J. J. O'Hara, Aitkin, engr. Noted April 15.

Minn., Aitkin—Until Sept. 7, by Aitkin Co., grading 8.3 mi. State Aid Job 2,003, involving 38,153 cu.yd. excav., 208,304 cu. yd. overhaul, 424 lin.ft. 12-24 in. culverts, cost $33,000; 8 mi. Federal Aid Project 120, State Rd. 1, involving 31 acres clearing and grubbing, 64,199 cu.yd. excav., 38,477 cu.yd. overhaul, 1,134 lin.ft. 12-30 in. sectional cover culverts, 2,064 lb. reinforcing steel, 34 cu.yd. concrete, $32,000; 9 mi. Federal Aid Project 149, State Rd. 3, involving 10 acres clearing, 13 acres grubbing, 38,153 cu.yd. excav., 113,252 cu.yd. overhaul, 1,853 cu.yd. hand ditch, 487 lin.ft. 15-36 in. sectional concrete cover culverts, 163 cu.yd. concrete in culverts, 9,727 lb. reinforcing steel, $36,000. F. J. O'Hara, Atkin, engr.

Minn., St. Paul—Until Aug. 16, by city paving Arcade St. between Maryland and north city limits, asphaltic concrete ft. wide. O. Claussen, City Hall, engr.

Kan., Cottonwood Falls—Until Sept. 8, Chase Co., paving 2.898 mi. New Santa Trail, Project 47-A, 18 ft. wide. About $90,000. E. L. Hageman, Cottonwood Falls engr. Noted Aug. 5.

Missouri—Until Aug. 21, by State Highway Dept., Palmyra, improving 10.26 mi. Hannibal-West Ely Div. of Pikes Peak Ocean to Ocean Highway, Federal Aid Project 62, Sect. A, Marion Co., involving 35,054 cu.yd. earth excav., 7,059 cu.yd. borrow, 3,500 cu.yd. overhaul, 13,244 sq.yd. Spec. "B" gravel pavement and 83,428 sq.yd. gravel surface course, cost $78,600; building culverts on Sect. B, 318 cu.yd. Class "B" concrete and 18,938 lb. steel reinforcement, $11,434; through girder superstructure and 2 abutments, Sta 265+12, on above project, to have one 40 ft. span, 18 ft. roadway, 186.8 cu.yd. Class "B" concrete and 18,710 lb. steel reinforcement, $7,475; skew through girder superstructure and 2 abutments, Sta. 14+52, to have one 40 ft. span, 18 ft. roadway, 183.6 cu.yd. Class "B" concrete and 18,570 lb. steel reinforcement, $7,365; skew through girder superstructure and 2 abutments, Sta. 108+22, to have one 40 ft. span, 18 ft. roadway, 173.5 cu.yd. Class "B" concrete and 16,300 lb. steel reinforcement, $6,835.

Tex., Denton—Until Aug 17, by J. W. Erwin, city secy., improving North Locust St. from square to College St. and West Oak St. from square to city limits, involving 50,000 sq.yd. pavement. Alternate bids will be received on (a) vertical fibre brick on concrete base, (b) bituminous penetration macadam, (c) bitulithic, (d) single course concrete, (e) concrete curbs, (f) combined concrete curb and gutter, (g) storm sewers. Koch & Fowler, Sumpter Bldg., Dallas, engrs.

Tex., Palestine—Until Aug. 16, by O. C. Cutter, city secy., paving 100,000 sq.yd. various streets. Noted April 8.

Tex., San Antonio—Bexar Co. receiving bids building and surfacing 6.17 mi. State Highway 9, southwest from Atascosa Co. line on Pleasanton Rd. to graveled road, 16 ft. wide. About $128,715. C. E. Hoff, San Antonio, co. engr. Noted July 22.

Colorado—Until Aug. 20, by State Highway Dept., Denver, paving 2.761 mi. road betwen Colorado Springs and Broadmoor, 18-24 ft. wide, 4 ft. shoulders, Federal Aid Project 118, El Paso Co., involving 31,681 sq.yd. concrete, 9,762 cu.yd. earth excav., 158 cu.yd. Class "A" concrete and 1,900 sq.yd. crushed rock shoulders. About $126,725. J. E. Maloney, State Museum Bldg., Denver, engr.

Idaho—Until Aug. 19, by State Highway Dept., Boise, grading and graveling 9.75 mi. Teton Highway, Federal Aid Project 11, Teton Co., involving 50,695 cu.yd. earth and 100 cu.yd. rock excav., 533 cu.yd. concrete, 35,217 lb. metal reinforcement, 800 lin.ft. culvert pipe, one 60 ft. span bridge, cost $81,818; grading and paving 2.8 mi. Twin Buttes Highway, Federal Aid Project 43, Bonneville Co., bituminous, 11,135 cu.yd. earth and 1,579 cu.yd. rock excav., 26,287 sq.yd. concrete or bituminous concrete, 214 cu.yd. concrete, 276 lin.ft. concrete pipe culverts, 13,864 lb. metal reinforcement, $81,682. Alternate bids on concrete and corrugated iron. Noted March 11.

Idaho—Until Aug. 19, by State Highway Dept., Boise, grading and paving 2.7 mi. Yellowstone Park Highway, Federal Aid Project 46, involving 25,512 sq.yd. concrete or bituminous concrete, 12,357 cu.yd. earth excav., 187 cu.yd. concrete, 15,069 lb. metal reinforcement 448 lin.ft. concrete pipe culverts, cost $77,746, also 6.5 mi. Roosevelt Highway, Federal Aid Project 21, both Bonneville Co., 65,145 sq.yd. concrete or bituminous concrete 17,555 cu.yd. earth and 370 cu.yd. rock excav., 267 cu.yd. concrete, 19,996 lb. metal reinforcement, 192 lin.ft. corrugated iron culverts, $177,000; grading and gravel surfacing 16 mi. Idaho-Central Highway, Federal Aid Project 38, Butte Co., 55,685 cu.yd. earth and 760 cu.yd. rock excav., 127 cu.yd. concrete, 4,625 lb. metal reinforcement, 766 lin.ft. culvert pipe, $81,818; 20 mi. North and South Highway, Federal Aid Project 40, Washington Co., $177,228; 16 mi. Idaho Pacific Highway, Federal Aid Project 30, Power Co., 59,286 cu.yd. earth and 100 cu.yd. rock excav., 220 cu.yd. concrete, 8,426 lb. metal reinforcement, 918 lin.ft. corrugated iron pipe and

Streets and Roads (Continued)

one 26 ft. span I-Beam bridge, $145,390. Alternate bids on concrete and bituminous paving and corrugated iron. Noted June 10.

Ontario—Until Aug. 17, by W. A. McLean, c/o Dept. Pub. Highways, Parliaments Bldgs., Toronto, improving 6 mi. provincial highways, 20 ft. wide, involving excavating and grading in Ernestown Twp., (Contr. 129), 6,000 ft. macadam (Contr. 129) and 6,700 ft. macadam (Contr. 130), both in Thurlow Twp., 7,000 ft. macadam in Tynedwaga Twp. (Contr. 131). About $70,000. G. Hogarth, Parliaments Bldgs., Toronto, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., North Adams**—J. L. Temple, comr. Pub. Wks., let contract paving Beaver St., involving 5,000 sq.yd. concrete and 1,700 lin.ft. concrete curb and gutter, to Troy Paving Co., 418 Gay Bldg., Troy, N. Y. About $25,000.

★**Conn., Bridgeport** — City let contract paving with warrenite, Gilmore St. from Sherman to Hamilton Sts., Central Ave. from Stratford Ave. to Orange St., Maiden Lane (entire length), Union Ave. from Orange to Bay Sts., and Orange St. from Newfield to Union Aves., to Warren Bros. Co., 142 Berkeley St., Boston. About $100,000.

Conn., New Haven—City received bids paving (1) River St., (a) bituminous macadam, (b) national pavement, (c) sheet asphalt, (d) concrete, (2) Saltonstall Ave., (3) Poplar St. from R. D. Daley, 6 Church St., (1a) $29,834, (2) $29,250, (3) $41,460; C. W. Blakeslee & Sons, Inc., 58 Waverly St., (1a) $30,405, (1c) $48,168, (1d) $38,325, (2) $29,710, (3) $43,630; Connecticut Natl. Pavements, Inc., 185 Church St., (1) $31,060, (1b) $51,566, (1c) $49,607, (1d) $39,603; (2) $29,185, (3) $44,799. Noted July 29.

Conn., Stamford—Bd. Selectmen received only bid July 28, grading and paving Hope St., from F. Palmer, Sound View Ave., $197,000. Noted July 22.

★**N. Y., Brooklyn**—E. Riegelmann, boro. pres., let contract regulating and repaving Atlantic Ave., to Leonard Paving Co., 230 Bway., New York City, $228,509; Bergen St., to Brooklyn Alcatraz Paving Co., 407 Hamburg Ave., $21,915; West 5th, East 10th, Junius, 81st and Newport Sts., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $10,962, $16,630, $9,794, $13,897 and $9,515 respectively. Noted July 22.

★**N. Y., Brooklyn**—E. Riegelmann, boro. pres., let contract regulating and repaving Atlantic Ave., to Consolidated Asphalt Paving Co., 52 9th St., $262,599; 19th Ave., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $12,803; resurfacing Kings Highway, to Ward & Tully, 2047 West 11th St., New York City, $73,014; building sewer in Ocean Parkway and East 7th St., to Millvale Constr. Co., 1455 76th St., $4,217 and $3,418 respectively. Noted July 29.

★**N. Y., New York**—H. Bruckner, pres. Bronx Boro., let contracts paving East 133rd St., to C. Helbrock, 633 Wales Ave., $11,480; Whitlock Ave. and Garfield St., to Davney Asphalt Paving Co., Inc., 438 East 91st St. $29,555 and $21,960 respectively; regulating, grading, setting curb, etc., Harlem River Terrace and building sewer in Fox St., to M. Delbalso, 1481 Hoe Ave., $2,188 and $7,461 respectively. Noted July 29.

★**N. Y., New York**—Park Bd. let contract furnishing labor and material repaving with heavy sheet asphalt, center roadway of Bronx and Pelham Parkways, to J. L. Brusstar, Harlem River and 150th St., $7,680. Noted July 22.

N. J., Flemington — Hunterdon Co. received bids building .6 mi. concrete road near Flemington Jct., 20 ft. wide, from Smith Bros. & Co., Hackettstown, $29,651; Ufhiel Constr. Co., Peetzburg, $31,154. Noted July 22.

★**Pa., Parnassus**—Boro. let contract improving Center Ave. from bridge across Little Puckety Creek to Riverview Drive, to Anderson Constr. Co., New Kensington. About $42,000. Noted June 24.

★**D. C., Wash.**—Dist. Comrs., 509 Dist. Bldg., let contract renewing, resurfacing and repairing asphalt and coal tar pavements of various streets, to Cranford Paving Co., 2620 E St., N. W., $158,200.

★**D. C., Wash.**—Dist. Comrs., 509 Dist. Bldg., let contract paving various streets, with sheet asphalt, to Cranford Paving Co., 2620 E St., N. W., $154,000.

D. C., Wash.—Dist. Comrs., 509 Dist. Bldg., received lowest 3 bids, grading (1) 5th St., S. E., (2) Haller Pl., (3) 3rd St., N. W., (4) Piney Branch Rd., (5) 2nd St., N. W., (6) Princeton Pl., (7) Van Buren St., from W. F. Brenizer Co., 101 New York Ave., N. E., (1) $.60 per cu.yd., (2) $1, (3) $1, (4) $.75, (5) $.65, (6) $.83, (7) $.55; G. Hyman, West Virginia Ave. and Morse St., N. E., (1) $.63 per cu.yd., (2) $1.50, (3) $.95, (4) $.59, (5) $.85, (6) $.57, (7) $.52; G. B. Mullin Co., 3303 11th St., N. W., (3) $1.24 per cu.yd., (4) $.63, (5) $.63, (6) $.63, (7) $.74.

★**W. Va., Moundsville**—Marshall Co. let contract grading 3 mi. Cameron-Popular Springs Rd., to N. M. Leigh, Mannington, $48,304. Noted July 1.

★**N. C., Belmont**—City let contract hard surfacing Main St., asphalt on rock foundation, to Simmons Constr. Co., Charlotte. About $50,000.

O., Columbus—City received bids Aug. 4, paving following streets:

Alley west of Delaware Ave. from 1st to 2nd Aves., 562 ft. long 20 ft. wide, grading, draining, curbing and paving with brick, from B. F. Patterson, Columbus, $6,759, concrete, $5,058; R. J. Deinst, Columbus, $6,992, concrete, $5,140.

Alley north of Frambes Ave. from Waldeck to Indianola Aves., 627 ft. long, 20 ft. wide, grading draining, curbing and paving with brick, B. F. Patterson, Columbus, $7,525, concrete, $5,525; R. J. Deinst, Columbus, $7,780, concrete, $5,695.

Ludlow St. from Gay to Chestnut Sts., 1,388 ft. long, 33 ft. wide, grading draining, curbing and paving with brick, R. J. Deinst, Columbus, $25,062.

Pearl St. from Chittenden to 13th Aves., 707 ft. long, 20 ft. wide, grading, draining, curbing and paving with brick, B. F. Patterson, Columbus, $7,833, concrete, $5,756; R. J. Deinst, Columbus, $8,142, concrete, $5,959.

Alley west of Ohio Ave. from Mound to Fulton Sts., 390 ft. long, 16 ft. wide, grading, draining and paving with brick, R. J. Deinst, Columbus, $4,786, concrete, $3,670; Federal Paving Co., Hartman Bldg., Columbus, concrete, $3,600.

Alley north of Vermont Pl. between Michigan Ave. and Perry St., 425 ft. long, 16 ft. wide, grading, draining, and paving with brick, B. F. Patterson, Columbus, $4,232, concrete, $3,145; R. J. Deinst, Columbus, $4,341, concrete, $3,214.

Alley west of 17th St. from Bryden Rd. to Rich St., 294 ft. long, 15 ft. wide, grading, draining and paving with brick, R. J. Deinst, Columbus $3,152, concrete, $2,377; Federal Paving Co., Hartman Bldg., Columbus, concrete, $2,276. Noted July 22.

★**Michigan—State** Highway Dept., Lansing, let contract grading, draining and surfacing Federal Aid Rd. 26, Sect. A, Antrim Co., involving 11,006 cu.yd. earth excav., 15,091 sq.yd. gravel, 138 lin.ft. pipe culverts, 107 cu.yd. concrete in culverts, etc., to C. Bye, 442 Webster St., Traverse City, $26,385.

★**Mich., Detroit** — City let contracts to Detroit Asphalt Paving Co., 30 McGraw Bldg., furnishing labor and material paving Coplin Ave., cost, $51,562 Concord Ave., $19,620, Heck Pl., $14,789, Lycaste Ave., $29,517, Lafayette Ave., $37,515, Marlborough Ave., $14,399, Milford Ave., $55,933, Newport Ave., $33,133, Springwells Ave., $29,042, Charlevoix Ave., $32,119; to Cleveland Trinidad Paving Co., 2940 Woodward Ave., Philadelphia Ave., $38,436. Noted July 22.

★**Mich., Hillsdale**—Hillsdale Co. let contract improving 3.75 mi. road in Cambria and Reading Twps., to Bishopp & Rowlson, Hillsdale, $47,830.

★**Wisconsin**—State Highway Dept., at div. office 5, Court House, La Crosse, let contract improving 7.19 mi. Whitehall-Ettrick Rd., Federal Aid Project 120, Trempealeau Co., to Mason & Metzgar, Blair, $48,639. Noted July 22.

★**Wis., Mayville**—City let contract grading, paving and building combined curbs and gutters on 2.7 mi. Main, Bridge and School Sts., 18 ft. wide, to J. Rasmussen & Sons, 7th St., Oshkosh, $88,100. Noted July 15.

★**Minn., Benson**—Swift Co. will grade and gravel 5 mi. road from Appleton to south county line, 24 ft. wide, State Rd. 7, Job 1901, cost $30,000; 5 mi. road from here to Clontarf, 24 ft. wide, State Rd. 1, Job 2004, $30,000; grade 5 mi. road north of De Graff, 24 ft. wide, State Rd. 10, Job 2003, $25,000. Work will be done by day labor. Noted Jan. 8 and 15.

★**Minn., St. Paul**—City let contract paving Fairfield Ave. between Robert and State Sts., State St. between Fillmore Ave. and St. Lawrence St., Indiana Ave. between Robert and State Sts., asphaltic concrete, 30 ft. wide, to White Constr. Co., 203 Flat Iron Bldg. About $73,000. Noted Aug. 5.

★**Neb., Osceola**—City let contract paving various streets, asphalt, to L. L. Beye, Eldorado, Kan., $152,545.

★**Missouri**—State Highway Dept., Albany, let contract building 8.86 mi. Jefferson Highway, Federal Aid Project 54, Sect. A, to Land Grading Co., Ballinger Bldg., St. Joseph, $47,942. Noted Aug. 5.

★**Tex., Bastrop**—Bastrop Co. will grade, surface and drain 8.814 mi. Highway 20 through Rd. Dist. 3, 14 ft. wide. About $78,939, including 10% for engineering and contingencies. Work involves 5.07 acres clearing and grubbing, 25,354 cu.yd. earth borrow, 13,427 cu.yd. earth excav., 319.07 cu.yd. Class "A" concrete, 16,143 cu.yd. gravel and 26,985 lb. plain steel bars. Work will be done by day labor. Noted July 22.

★**Tex., Brownsville**—Cameron Co. let contract paving various streets, involving 33,000 sq.yd. 2 in. bitulithic on 6 in. gravel macadam, to Southwest Bitulithic Co., c/o F. E. Rightor, mgr., Scarborough Bldg., Austin. About $175,000.

★**Tex., Center**—Shelby Co. let contract grading gravel surfacing and draining 31.9 mi. Highway 8 from San Augustine Co. to Panola Co. line, 16 ft. wide, to Smith Bros., Crockett, $514,038; including 10% for engineering and contingencies and material furnished by county. Work involves 125.5 acres clearing, 80.7 acres grubbing, 82,022 cu.yd. borrow, 125,131 cu.yd. earth, 917 cu.yd. structural, 50 cu.yd. solid rock and 100 cu.yd. loose rock excav., 172.9 cu.yd. Class "A" and 71.86 cu.yd. Class "C" concrete, 44,389 cu.yd. gravel, f.o.b. cars, 15,814 cu.yd. gravel, local pits, 254,696 ft. b.m. bridge lumber (superstructure), 113,225 ft. b.m. bridge lumber (substructure), 367,921 ft. b.m. creosoted bridge lumber, 15,417 lb. reinforcing, etc.

★**Tex., Dallas**—McNeny & McNeny, Praetorian Bldg., let contract paving 2 mi. streets in Northern Hills Addition, 50 ft. wide, asphalt, concrete gutters and curbs, to Uvalde Rock Asphalt Co., Dallas. About $105,000.

Tex., Gonzales—J. C. Romberg, judge Gonzales Co., received bids July 26, surfacing 10.03 mi. Highway 3, 16 ft. wide, involving 20,944 cu.yd. gravel, from D. Laroe, Palestine, $66,871; Bd. Comrs. Gonzales Co., Gonzales, $75,697. Noted July 15.

★**Tex. Henderson**—Rusk Co. let contract grading surfacing and draining 45 mi. various roads, 18 and 20 ft. wide, to Tippet Constr. Co., Mineral Wells. About $350,000.

★**Tex., San Angelo**—Tom Green Co. rejected bids June 30, and will grade and pave 10 mi. State Highway 9 and 9A, 18 ft. wide. About $255,911. Work will be done by day labor. Noted July 22.

Tex., San Augustine—San Augustine Co. received bids grading, surfacing and draining 8.89 mi. Highway 8, Sect. B, State Aid Project 75, 16 ft. wide, from H. F. Bland, Center, $64 720; Smith Bros., Crockett, $68,074. Work involves 54 acres clearing and grubbing, 80.3 cu.yd. Class "B" concrete, 7,605 cu.yd. sand clay, 690 lin.ft. c.i. pipe, etc.

Idaho—State Highway Dept., Boise, received bids grading and graveling (a) 3.83 mi. Idaho-Pacific Highway, 16 ft. wide, Federal Aid Project 35, Caribou Co., (b) 18 mi. North and South Highway, 16 ft. wide, Federal Aid Project 20, Boundary Co.; grading and surfacing with crushed rock, (c) 16.7 mi. North and South Highway, 16 ft. wide, Federal Aid Project 19, Bonner Co.; grading (d) 4 mi. Lewis and Clark Highway, 20 ft. wide, Federal Aid Project

Streets and Roads (Continued)

33, Nez Perce Co., from S. A. Kapus, Box 111, Idaho Falls, (a) $58,407; F. Coolidge, Laramie, Wyo., (a) $59,598; Reed & Davies (a) $60,616; Genl. Constr. Co., Peyton Bldg., Spokane, Wash., (b) $179,610, (c) $227,846; Warren Constr. Co., Journal Bldg., Portland, Ore., (b) $219,020, (c) $278,998; Triangle Constr. Co., Ritzville, Wash., (b) $207,598; Highway Constr. Co., Colfax, Wash., (c) $214,365; Hauser Constr. Co., Portland, Ore., (d) $79,999; Standard Asphalt & Paving Co., N 517 Lincoln St., Spokane, Wash., (d) $97,731; Rich, Markus & Crowe, Missoula, Mont., (d) $99,028.

★**Idaho**—State Highway Dept., Boise, let contracts grading and graveling 9 mi. Idaho-Utah Highway, Federal Aid Project 17, Bannock Co., involving 46,936 cu.yd. earth and 961 cu.yd. rock excav., also 6.4 mi. Malad Valley Highway between Downey and Oneida Co. line, 34,450 cu.yd. earth and 2,020 cu.yd. rock excav., to H. E. Cornell, Boise, $80,503 and $36,839 respectively; 17 mi. Idaho-Pacific Highway, Federal Aid Project 27, Payette Co., 63,975 cu.yd. earth and 100 cu.yd. rock excav., 1,370 cu.yd. concrete, one 30 ft. I-beam bridge, to M. O'Reilly, Portland, Ore., $173,029; 11.75 mi. North and South Highway, Federal Aid Project 29, Kootenai Co., to J. H. Nordquist, 117 King St., Wallace, $179,996; 21.8 mi. Idaho-Utah Highway, Federal Aid Project 36, Franklin Co., to Smith, Green & Wilson, Preston, $160,000; 4.03 mi. Grace-Preston Highway between Grace and Niter Sta., Bannock Co., to G. T. Allsop, Grace, $16,364; 10.9 mi. North and South Highway, Federal Aid Project 31, Benewah Co., to Genl. Constr. Co., Northwestern Bank Bldg., Portland, Ore., $179,912; grading and paving 7 mi. Idaho-Pacific Highway, Federal Aid Project 24, Twin Falls Co., 24,181 cu.yd. earth, 92,865 sq.yd. concrete, 916 lin.ft. concrete pipe culvert, to F. E. Phelps, Brigham City, Utah, $254,202; 12 mi. Idaho-Pacific Highway, Federal Aid Project 23, Twin Falls Co., bitulithic, 138,000 sq.yd. bituminous concrete, to Warren Constr. Co., Journal Bldg., Portland, Ore., $603,900; grading and surfacing 4.27 mi. North and South Highway, Federal Aid Project 39, Lewis Co., crushed rock, 27,147 cu.yd. earth and 2,480 cu.yd. rock excav., 561 lin.ft. culvert pipe, to Triangle Constr. Co., Colfax, Wash., $68,229; grading [illegible] Warm River Dugway, Yellowstone Park Highway, 15,152 cu.yd. earth and 4,500 cu.yd. rock excav., 242 cu.yd. concrete, to Tempest & Harris, Rexburg, $38,537. Noted June 10 and 24.

★**Wash., Endicott**—City will grade and pave 3 mi. Main St. et al. Cost between $50,000 and $60,000. Work will be done by day labor.

★**Wash., South Bend**—Pacific Co. let contract grading and grubbing 1.2 mi. Permanent Highway 31-E, to McLean & Williams, Astoria, Ore., $29,065.

★**Cal., Marysville**—Yuba Co. let contract building 10 mi. roads through Dist. 10, to Warren Constr. Co., Journal Bldg., Portland, Ore.

★**Ont., Chapleau**—City let contract building 3 mi. sidewalks, involving 70,000 sq.ft. granolithic concrete, to A. Cherico, North Bay. About $35,000. Noted July 29.

Railways

PROPOSED WORK

West Virginia—See "Miscellaneous under Logan."

Excavation and Dredging

PROPOSED WORK

Wis., Chilton—Drainage—A. Sebenich Drainage Co. had plans prepared for excavating and laying 8-12 in. tile drain in 60 acres in Calumet and Sheboygan Counties. About $25,000. J. Donohue, North 8th St., Sheboygan, engr. Noted June 17.

Ia., Ft. Madison—Drainage—Lee Co. received no bids July 27, improving 5 mi. Green Bay Levee D. D., involving 100,000 cu.yd. excav. About $30,000. Work will probably be readvertised. E. T. Perkins Eng. Co., 1211 1st Natl. Bank Bldg., Chicago, engrs. Noted July 15.

Minn., Cedar—Ditch—Until Aug. 24, by A. A. Caswell, aud. Anoka Co., Anoka, repairing Ditch 28, 3 mi. east of here, involving 79,373 cu.yd. excav. (dry land dredging). About $39,000.

Minn., Olivia—Ditch—Until Aug. 16, by A. O. Schmidt, aud. Renville Co., improving Ditch 84, involving 23,000 ft. 5-15 in. tile, 13 intakes and bulkhead.

Mont., Helena—Irrigation—Lewis and Clark Co. will have surveys made for irrigating 6,000,000 acres.

Col., Craig—Ditches, etc.—J. M. Jones, Racine, Wis., receives bids about Aug. 23, building dam, ditches and laterals to irrigate 5,700 acres. About $100,000. J. F. Engel Craig, engr.

Tex., Clarksville—Levee—Levee Dist. 1, Red River Co., voted $100,000 bonds to build levee to enlarge present project and reclaim several thousand acres.

Ariz., Winslow—Irrigation-Chamber of Commerce plans to build diversion dam, 2 storage reservoirs and 2 main canals, to irrigate from 100,000 to 150,000 acres. Beckman & Linden, 593 Market St., San Francisco, engrs.

BIDS DESIRED

Minn., Madison—Ditch—Until Aug. 16, by H. O. Thorson, aud. Lac Qui Parle Co., building Ditch 53, involving 50,000 ft. 6-28 in. tile. About $27,364.

Minn., St. Peter—Ditch—Until Aug. 19, by W. H. Holz, aud. Nicollet Co., building Judicial Ditch 6 Nicollet and Sibley Counties, involving [illegible] ft. 7-30 in. tile. About $29,207.

Minn., St. Peter—Drainage—Until Aug. 19, by W. H. Holz, aud. Nicollet Co., building Drainage System 69 involving 17,700 ft. open ditch, 218,020 cu.yd. excav., 230,000 lin.ft. 8-44 in. tile, 14 concrete headwalls, 286 ft. 9-30 in. corrugated metal culvert pipe, etc. About $285,075. R. H. Allison, Mankato, engr. Noted Jan. 29.

N. B., St. John—Dredging—Until Aug. 25, by Dept. Pub. Wks., Ottawa, dredging 21,000 cu.yd. sand, silt, gravel and clay. About $26,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ont., Welland**—Canal—Dominion Government, Ottawa, let contract for excavating, dredging, building canal locks and concrete work on Sect. 1 Welland Ship Canal, to Dominion Dredging Co., Union Bank Bldg., St. Catherines; Sect. 2, to Baldry, Yerough & Hutchinson, 80 St. Francis Ave., Montreal, Que. Sect. 3, to Doheny, Quinlan & Robinson, Thorold; Sect. 5, to Canadian Dredging Co., Port Robinson. About $2,000,000. Noted April 1.

Industrial Works

PROPOSED WORK

Vt., Brandon—State Health Comn., Montpelier, having plans prepared by F. L. Austin, Archt., College St., Burlington, for 1 story, brick and concrete central heating plant, at State Hospital, here. A. S. Kellogg, 53 State St., Boston, engr.

Mass., Somerset—N. S. Chase, engr., Borden Blk., Fall River, soon lets contract building 1 story, 70 x 160 ft., brick and steel foundry, rein.-con. flooring, concrete foundation. About $50,000. Owner's name withheld.

Mass., Wakefield—Heywood Bros. & Wakefield Co., Gardner, soon lets contract constructing 6 dry kiln buildings and addition to Bldg. 3, brick. Lee & Hewitt, 1123 Bway., New York City, archts.

Mass., West Everett (Everett P. O.)—Boston Fibre Co., 184 Sumner St., Boston, plans to build concrete storehouse on Tremont St. About $100,000. Private plans.

Pa., McKeesport—See "Buildings."

Pa., Williamsport—Dewart Milk Products Co., Inc., Dewart, plans to build 3 story, 110 x 170 ft., brick, tile and concrete plant on Erie and 3d Aves., here. About $100,000. C. F. Sheffer, Dewart, dir.

Md., Annapolis—Pub. Utilities Co plans to build addition to gas plant to double city supply. About $200,000.

Md., Baltimore—Boyden Steel Co., Keyser Bldg., recently incorporated, $100,000,000 capital stock, plans to build plant, here.

Md., Baltimore—Chevrolet Motor Co. of Maryland, 116 Richmond St., plans to build 4 story, 50 x 150 ft. distributing plant on Adams Ave., 22nd and Bartlett Sts.

Md., Baltimore—Consolidated Gas, Electric Light & Power Co., Lexington Bldg., having plans prepared by A. S. Loizeaux, company engr., for two 1 story, 48 x 52 x 200 ft. and 29 x 108 ft. additions to substation, concrete, steel and brick, concrete foundations, on Race and Barney Sts.

Md. Baltimore—Whitaker Paper Co., [illegible] Guilford Ave., soon lets contract building 8 story, 100 x 186 ft., rein.-con., and steel warehouse, rein.-con. flooring, concrete foundation, on Guilford, Saratoga and Davis Sts. About $1,000,000. Haskell & Barnum, 301 North Charles St., archts. and engrs.

Md., Crisfield—Potomac Poultry Food Co., 802 Keyser Bldg., Baltimore, having plans prepared for steel plant, concrete foundation, here, to include 1 story, 125 x 144 ft. rein.-con. silo, grain runway, office building, timber wharf, bulkhead and piling. About $150,000. H. F. Doeleman, 507 North Charles St., Baltimore, consult. engr.

Md., Hagerstown—Howard Hosiery Mill, South Jonathan St., having plans prepared by F. C. Mack, archt., Negley Bldg., for 2 story, 40 x 104 ft. mill.

O., Akron—United Machine & Mfg. Co., Columbus, had preliminary plans prepared for 100 x 200 ft. foundry. About $100,000. L. E. Griffith, pres.

O., Cincinnati—Hill & Griffith, 1262 State Ave., plan to build 1 and 4 story, 150 x 300 ft., brick and steel addition to plant, brick foundation. About $100,000. B. Baldwin, 2d Natl. Bank, engr.

O., Cincinnati—U. S. Playing Card Co., Norwood, plans to build 4 story, 120 x 360 ft. factory, also 2 story, 80 x 355 ft. restaurant, rein.-con., brick and steel, rein.-con. flooring. A. Hannaford & Son, Hulbert Blk., archts.

O., Cleveland—Cleveland Can Co., 1836 Euclid Ave., plans to build 3 story, rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation. About $200,000. J. A. Brown, mgr. Architect not selected.

O., Cleveland—J. Feigenbaum, 541 Society for Savings Bldg., plans to build 2 story, 50 x 150 ft., rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on East 9th St. and Lakeside Ave. About $100,000. Architect not selected.

O., Cleveland—Standard Oil Co., 26 Bway., New York City, having plans prepared for rein.-con., steel and brick pumping plant, rein.-con. flooring, concrete foundation. About $1,000,000. Private plans.

O., Columbus—Federal Chemical Co., 1200 Denham Ave., plans to build 90 x 132 ft. addition to main sheds, also 90 x 100 ft. addition to warehouse.

O., Columbus—Jeffrey Mfg. Co., North 4th St., having plans prepared for 2 story, concrete and steel warehouse. About $100,000. J. Dierdorff, c/o owner, engr.

O., Urbana—United Paper Board Co. having plans prepared rebuilding and remodeling present plant. About $500,000. Private plans.

Ind., Indianapolis—Westinghouse Lamp Co., 165 Bway., New York City, plans to build new brick and concrete plant here. D. Robinson, 125 East 46th St., New York City, archt.

Mich., Dearborn—Malcolmson, Higginbotham & Palmer, archts., 405 Moffat Bldg., Detroit, open bids about Aug. 19, building 1 story, 46 x 87 ft., rein.-con., brick and steel power house, here, rein.-con. flooring, concrete foundation, for Bd. Educ.

Mich., Detroit—A. E. Harley, archt., 435 Woodward Ave., opens bids about Aug. 20, building 4 story, rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Dalzelle St., for Blodgett Eng. & Tool Co., Kerr Bldg. About $50,000. Noted March 25.

Wis., Cudahy—Worthington Pump & Mchy. Co. soon lets contract building 3 story, 60 x 170 ft. pattern shop, brick and timber, rein.-con. flooring, concrete foundation. Private plans.

Wis., Lake Mills—Piawitz Motor Co. plans to build 4 story, 60 x 150 ft., brick, rein.-con. and steel garage, rein.-con. flooring, brick foundation, on Main and Madison Sts. Architect not selected.

Wis., Manitowoc—Clark Oil Co., 10th and York Sts., having plans prepared by Juul & Smith, archts., Imig Bldg., Sheboygan, for 2 story, 60 x 110 ft., brick, rein.-con. and steel garage and station, rein.-con. flooring, brick foundation. T. Clark, mgr.

Wis., Milwaukee—H. N. Davis Co., 129 Michigan St., soon lets contract building 2 story, 60 x 110 ft. factory, concrete blocks and mill construction, on 32nd St. Private plans.

Wis., Milwaukee—Ford Motor Co., Boulevard and Woodward Ave., Detroit, plans to build 2 story, 60 x 150 ft. addition to plant, rein.-con. and brick, rein.-con. flooring, concrete foundation, on Kenilworth St. Architect not selected.

Industrial Works (Continued)

Wis., Milwaukee—C. Hennecke Co., 1353 North Pierce St., plans to build 1 story steel fabricating plant, brick and steel, concrete flooring and foundation, on Port Washington Rd. Private plans.

Wis., Milwaukee—S. F. Kadow, archt., 97 Wisconsin St., soon receives bids building 1 story, 30 x 145 ft. addition to foundry, brick and steel, concrete foundation, for A. E. Martin Fdry. & Machine Co., 705 Park St.

Wis., Plymouth—Service Motor Co. plans to build 4 story, 60 x 200 ft., rein.-con., brick and steel garage, rein.-con. flooring, brick foundation. About $100,000. Architect not selected.

Wis., Sheboygan—Columbia Rubber Mills, c/o L. Hofmeister, 176 16th St., Milwaukee, having plans prepared by Juul & Smth, archts., Imig Bldg., for 2 story, 70 x 200 ft., brick, rein.-con. and steel factory, rein.-con. flooring, brick foundation, also 30 x 40 ft. boiler house, on Lyman Addition. Cost between $50,000 and $75,000. E. Juul, 805 North 8th St., engr.

Wis., West Milwaukee (Milwaukee P. O.)—Chicago, Milwaukee & St. Paul Ry., Constr. Dept., Union Depot, having plans prepared for 1 story, 100 x 500 ft., brick and steel shop, concrete flooring and foundation. Work will probably be done by day labor.

Minn., Minneapolis—Roach-Tisdale & Co., 528 North 3rd St., having plans prepared by Butler Bros. Bldg. Co., 1001 Exch. Bank Bldg., St. Paul, for 5 story, 50 x 150 ft., rein-con. brick and steel factory, on 5th Ave. and 3rd St. About $200,000. E. E. Tisdale, secy.

Neb., Omaha—Baker Ice Machine Co., 19th and Nicholas Sts., plans to build factory. About $200,000. J. L. Baker, pres.

S. D., Sioux Falls—City plans to improve electric light, water and sewerage systems. About $175,000 for former.

Mont., Forsyth—J. E. Edwards, and others, plan to build sugar beet factory. About $1,500,000. Architect not selected.

Mo., Kansas City — Feeders Supply Co., 532 Live Stock Exch. Bldg., purchased 2 acre site on Duncan Ave. near Nicholson Ave., and plans to build mill. About $150,000.

Tex., El Paso—Atlas Brick Co., Dallas and Cotton Sts., plans to build lime-hydrating plant, cost $60,000, also construct office and warehouse, total cost $100,000. C. L. North, pres.

Tex., Memphis—Texas Gas & Electric Co. plans to rebuild plant destroyed by fire. Loss, $75,000.

Tex., San Antonio—H. D. Kellar, Coldwater, Mich., plans to build cannery and syrup mill, to include electric light plant and ice factory, here.

Utah, Provo—Utah Coal Rd. and Salt Lake Route soon receives bids building 1 to 3 story, 75 x 240 ft., rein.-con. railroad shops. About $200,000. F. Strong, Provo, div. engr. and archt.

Ont., Kapukasing—Spruce Falls Co., Toronto, soon receives bids building pulp and paper mill, here. About $800,000.

BIDS DESIRED

Pa., Spring City—Until Aug. 24, by Supt. Pub. Grounds & Bldgs., Capitol Bldg., Harrisburg, constructing 1 story, 40 x 180 ft. cow barn, hollow tile and brick, here, for State Institute for Feeble Minded, Easton. About $200,000. P. H. Johnson, 1713 Sansom St., Phila., archt. and engr.

Mich., Detroit—Until Aug. 20, by Baxter, O'Dell & Halpin, archts., 1024 Hammond Bldg., constructing 2 story, 45 x 96 ft. jewelry factory, brick and mill construction, brick foundation, on Field and Forest Sts., for Weyhing Bros., 237 Woodward Ave. About $100,000.

Ill., Chicago—A. Himmelblau, archt., 179 West Washington St., receiving bids building 1 story, 100 x 175 ft., brick garage rein.-con. flooring, concrete foundation, on Madison and Keeler Aves., for Independent State Garage, Kedzie Ave. and Grenshaw St. About $65,000.

Wis., Neillsville—Duplex Storage Battery Co., 537 Edison St., Milwaukee, receiving bids building 1 story, 100 x 300 ft., brick and timber factory, concrete flooring and foundation. Private plans.

Mo., St. Louis—C. F. May, archt., Laclede Bldg., receiving bids building 4 story, 83 x 104 ft., brick warehouse and machine shop, on North Bway., for Schlueter Mfg. Co., Bway. and John Ave. About $100,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., East Cambridge** (Cambridge P. O.)—Vacuum Oil Co., 49 Federal St., Boston, let contract building 2 story, 75 x 115 ft., rein.-con. and brick, warehouse, rein.-con. flooring, concrete foundation, on 6th and Potter Sts., to Turner Constr. Co., 178 Tremont St., Boston. About $80,000.

★**Mass., East Everett** (Boston P. O.)—Carpenter-Morton Co., 77 Sudbury St., Boston, let contract building 4 story, 50 x 60 ft. addition to paint factory, brick and steel, concrete foundation, on East Summer St., to J. E. Locatelli & Co., Inc., 46 Cornhill St., Boston. About $75,000.

★**Mass., New Bedford**—Beacon Mfg. Co., Purchase St., let contract building 4 story, 100 x 122 ft., brick and steel storehouse concrete foundation, to J. W. Bishop Co., 417 Butler Exch. Bldg., Providence, R. I. About $200,000. Noted July 22.

★**Mass., Worcester**—Norton Co., Barbers Crossing, let contract constructing 4 story, 55 x 125 ft., brick and steel storehouse, also 1 story, 40 x 140 ft., concrete and timber oil storage building, both rein.-con. flooring, concrete foundation on New Bond St., to E. J. Cross Co., 82 Foster St. About $200,000.

★**Mass., Worcester**—H. W. Trulson, 35 Berkmans St., will build 2 story, 90 x 116 ft., concrete and steel garage, rein.-con. flooring, concrete foundation, on Pleasant and Fruit Sts. About $150,000. Work will be done by day labor. Noted Aug. 5.

★**R. I., Providence**—R. T. Slade, 547 Elmwood Ave., let contract building 1 story, 62 x 102 ft., rein.-con. and brick garage and service station, rein.-con. flooring, concrete foundation, on Elmwood Ave., to E. H. Bigney, 87 Weybosset St. About $50,000.

★**Conn., Hartford**—Frasse Steel Corp., 45 Boulevard, let contract altering brick and steel plant, to J. H. Grozier Co., 721 Main St. About $75,000.

★**N. Y., Brooklyn** — Brownsville Assets Corp., c/o P. Steigman, archt. and engr., 690 Bway., will build 1 story, 100 x 160 ft., brick and steel garage, rein.-con. flooring, concrete foundation, at 150 Crescent St. About $50,000. Work will be done by day labor.

★**N. Y., Brooklyn**—J. Schkelnick, 37 Van Buren St., will build 1 story, 100 x 100 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Moore St. About $60,000. Work will be done by day labor.

★**N. Y., New York**—Miller, 935 Intervale Ave., will build 1 story, 100 x 135 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Park Ave. and 184th St. About $60,000. Work will be done by day labor.

★**N. Y., New York**—S. & Z. Bldg. Co. (Caswell Motor Co.) c/o J. M. Felson, archt. and engr., 1133 Bway., will build 3 story, concrete, brick and steel garage, rein-con. flooring, concrete foundation, on Manhattan Ave. and 130th St. About $120,000. Work will be done by day labor.

N. Y., New York—S. Varschleisser, 215 East 67th St., will alter brick, rein.-con. and steel garage, on East 67th St. About $50,000. Work will be done by day labor.

★**Pa., Phila.**—Hurlburt Oil & Grease Co., Inc., Trenton and Erie Sts., let contract repairing and altering 2 story, 45 x 90 ft., concrete and brick factory, to Wark & Co., 1737 Filbert St.

★**Va., Richmond**—Frost & Beveredge, 1318 East Cary St., let contract building 2 story, 28 x 120 x 140 ft., brick garage, rock foundation, on Lodge and Byrd Sts., to E. L. Bass Bros., 708 Bainbridge St. About $55,000.

★**Ga., Atlanta** — Red Diamond Motor Corp. let contract building rein.-con. and steel assembling plant, to H. D. Best, 175 5th Ave., New York City. About $300,000.

★**O., Cincinnati**—Bourne Fuller Co., Front and Smith Sts., let contract building 1 story, 132 x 211 ft., rein.-con. and steel addition to warehouse, to Austin Co., 16112 Euclid Ave., Cleveland. About $60,000.

★**O., Cleveland**—Cleveland Ry., Leader-News Bldg., let contract building 1 story, 37 x 128 ft. garage and machine shop, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on East 55th St. and Harvard Ave., to W. I. Thompson & Sons Co., 5103 Euclid Ave. About $60,000.

★**O., Cleveland** — Cleveland Wrought Products Co., 3590 West 58th St., let contract building 1 story, 56 x 145 ft., brick and steel factory, brick foundation, to Hebing Co., 1832 West 54th St. About $50,000.

★**O., Coldwater**—New Idea Spreader Co. let contract building 2 story, 48 x 200 ft. factory, also 2 story, 47 x 163 ft. warehouse, rein.-con., steel and brick, rein.-con. flooring, to Ferro Concrete Constr. Co., Richmond and Harriet Sts., Cincinnati. About $100,000.

★**O., Columbus**—Columbus Blank Book Co., 317 South High St., let contract building 2 story, 30 x 75 ft., concrete and brick factory, to A. Pitts, 2327 North High St. About $50,000.

★**O., Columbus**—Federal Chemical Co., 1200 Bonham Ave., let contract building 122 x 167 ft. addition to factory, frame, to Chemical Constr. Co., Trust Bldg., Charlette, N. C. About $100,000.

★**O., Norwood**—Cincinnati Machine Tool Co., Waverly Ave., let contract building 1 story, 50 x 146 ft. addition to machine shop, rein.-con., steel and brick, brick and concrete foundation, to Fisher Devore Co., 1117 Harrison Ave., Cincinnati. About $50,000.

Ind., Indianapolis—G. C. Brinkmeyer & Co., 26 West Georgia St., received bid building 3 story, 50 x 90 ft., rein-con., brick and steel warehouse, on Senate Ave., from Bedford Stone & Constr. Co., Fletcher Saving & Trust Bldg.

★**Ill., East St. Louis**—Mobile and Ohio R.R., 320 North Bway., St. Louis, Mo., let contract building 2 story, 42 x 546 ft., brick freight house and office on Mobile and Ohio tracks, here, to Keeley Bros. Constr. Co., East St. Louis. About $200,000.

★**Wis., Milwaukee**—Amer. Shipbuilding Co., 54th St., N. W., Cleveland, let contract building 1 story, 50 x 100 ft., brick, concrete and steel pump house, rein.-con. flooring, concrete foundation, on Washington St., to Meredith Bros., 1043 Kinnickinnic Ave. About $60,000.

★**Mo., Kansas City**—Kansas City Macaroni Co., 556 Campbell St., let contract building 5 story, 60 x 100 ft., rein.-con. and brick factory, to Patti-Moore, Okmulgee, Okla. About $60,000. Noted July 22.

★**Tex., Zavella**—Zavella Lumber Co., Woodville, let contract building 36 x 160 ft., mill construction saw mill, to F. Burdette, Nacogdoches. About $50,000.

★**Ont., Kitchener**—Dominion Tire & Rubber Co., 140 Strange St., let general contract building 3 story, rein.-con., brick and steel factory, power house and substation, rein.-con. flooring, concrete foundation, on King St. E., to Carswell Constr. Co., 58 Wellington St. E., Toronto; plumbing, to W. Knee & Co., 45 King St. Total, $85,000.

Buildings

PROPOSED WORK

Mass., Braintree (Boston P. O.)—High School—Town School Comm. plans to build 2 story, brick and steel, on Washington St. About $200,000. Architect not selected.

Mass., Brookline (Boston P. O.)—Hospital—Peter Bent Brigham Hospital, Huntington Ave., having plans prepared by Codman & Despradelle, archts., 27 Kelby St., Boston, for rein.-con., brick and steel addition to Ward A.

Mass., Lenox — Hotel — Aspinwall Hotel having plans prepared by J. M. Vance, archt., 24 North St., Pittsfield, for 5 story, 74 x 100 ft. brick and steel addition.

Mass., North Beverly (Beverly P. O.)—School—Bd. Educ. soon lets contract building 2 story, 100 x 100 ft., brick and steel on Conant St. About $150,000. Ashton & Huntress, 477 Essex St., Lawrence, archts.

Mass., Swampscott (Lynn P. O.)—Theatre—Sherburne Inc., 1 Beacon St. Boston, having plans prepared by C. T. McFarland, archt., 162 Newbury St., Boston, for 1 and 2 story, concrete, brick and steel. About $800,000.

R. I., Providence — Business — Lederer Realty Corp., 100 Stewart St., having plans prepared by W. R. Walker & Son, archts., 17 Custom House St., for concrete and brick on Weybosset and Broad Sts. About $100,000.

Conn., Bristol—Engine House—City plans to build central engine house, concrete, brick and steel. About $100,000. Architect not selected.

Buildings (Continued)

Conn., New Haven—Store and Lofts—C. H. Abramowitz, archt., 217 1st Natl. Bank Bldg., soon lets contract building 5 story, 56 x 70 ft., brick and mill construction, concrete foundation, for F. Teitelman, 146 State St. About $100,000. Noted Aug. 5.

Conn., Waterbury—Armory—Military Emergency Bd., State Armory, Hartford, rejected bids received July 26, building 4 story, 180 x 200 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Field St., here. About $400,000. Project postponed temporarily. L. A. Walsh, 51 Leavenworth St., archt. Noted July 22.

Conn., Waterbury—Theatre—P. Foti, and others, c/o [illegible] Bailey, archt., 95 Bank St., having plans prepared altering and building 1 story, 70 x 110 ft., brick and rein.-con. addition, rein.-con. flooring, concrete foundation, on South Main St. About $150,000.

N. Y., New York—Club and Arena—Audubon Sporting Club, c/o D. F. Lang, archt. and engr., 110 West 34th St., receives bids about Aug. 28, building 2 story, 100 x 175 ft., brick, steel and stone, concrete foundation, on 145th St. and Lenox Ave. About $300,000.

N. Y., New York—Exchange—New York Telephone Co., 15 Dey St., having plans prepared by McKenzie, Voorhies & Gmelin, archts. and engrs., 1123 Bway., for 80 x 192 ft., brick, steel and stone, on West 73rd St. About $400,000.

N. Y., New York—Office—J. P. Morgan Co., 23 Wall St., having plans prepared by Trowbridge & Livingston, archts. and engrs., 527 5th Ave., for 20 story, brick, steel and stone addition, at 11-21 Broad St. About $4,000,000.

N. Y., New York—Office and Restaurant—Horn & Hardart, 600 West 50th St., had plans prepared by F. P. Platt, archt. and engr., 680 5th Ave., for 4 story, 28 x 78 ft., brick, steel and stone, concrete foundation, at 68 Trinity Pl. and 103-107 Greenwich St. About $500,000.

N. J., Newark—Office—A. Seidler Co., 13 Ward St., plans to alter 3 story, 180 x 350 ft., concrete and brick, on Orange and Ogden Sts. About $100,000. Architect not selected.

N. J., Trenton—Theatre—W. H. McElfatrick, archt., 701 7th Ave., New York City, soon receives bids building 2 story, 100 x 250 ft., concrete, steel and marble, on South Broad St., for Trent Theatre Bldg. Co., 17th North Warren St. About $800,000. Noted Jan. 15.

Pa., Clearfield—Memorial—Boro. retained Howard & Thompson, archts., Du Bois, to prepare plans for Clearfield Co. Soldiers Memorial, to be 2 story, 100 x 150 ft., brick and stone, at Witmer Park. About $100,000.

Pa., Contesville—Theatre—Logges Bros., 258 East Main St., having plans prepared by R. A. Kerns, archt. and engr., 10 South 18th St., Phila., for altering 3 story, 45 x 100 ft., brick, on Main St. About $100,000.

Pa., East Conemaugh (Johnstown P. O.)—School—City election Aug. 31 to vote on $110,000 bonds to build 2 story, 60 x 110 ft., concrete and brick, rock foundation, on 1st and Locust Sts.

Pa., McKeesport—Dormitory, Nurses Home, etc.—McKeesport Hospital plans to build 4 story, 46 x 52 ft. and 37 x 168 ft. dormitory, also power house and 43 x 54 ft. nurses home, both 3 story, brick and steel, rein.-con. flooring. About $250,000. S. F. Heckert, Bessemer Bldg., Pittsburgh, archt.

D. C., Washington — Church — Sacred Heart Church receives bids about Oct. 1, building church, on 15th St. and Park Rd. About $1,000,000. Address P. C. Carven. Magginis & Walsh, 100 Boylston St., Boston, archts.

D. C., Washington—High School—Dist. Comrs. plan to build new Eastern High School, rein.-con., brick and steel. About $1,500,000.

Ky., Louisville—Hospital—Com. Community Council plans to build hospital. About $2,500,000.

O., Cincinnati—Restaurant—See "Industrial Works."

O., Cleveland—Bank—Morris Plan Bank, East 6th St. and Rockwell Ave., having plans prepared by F. C. Warner, archt., 764 Hippodrome Annex Bldg., for 2 story, 36 x 150 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Huron Rd. near East 9th St. About $150,000.

O., Cleveland—Bank and Office—Brotherhood of Locomotive Engrs., c/o W. S. Stone, Engrs. Bldg., plans to build 20 story, 130 x 168 ft., rein.-con., steel and brick, rein.-con. flooring, concrete and brick foundation on Ontario St. and St. Clair Ave. About $5,000,000. Architect not selected.

O., Cleveland — Memorial — Masonic Temple Assn., c/o A. Wright, 1373 E. 6th St., having sketches prepared by Hubbell & Benes, archts., 4500 Euclid Ave., for 21 story, 86 x 150 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, at 3500 Euclid Ave. About $4,000,000.

O., Cleveland—Store—May Co., Ontario St., had plans prepared by Lehman & Schmitt, archts., Electric Bldg., for remodeling steel and terra cotta. About $110,000.

O., Kent—Hotel—Kent Co. plans to build 3 story hotel on Main St. Cost between $125,000 and $150,000.

O., Toledo—Bank and Office—Commercial Bank, Valentine Bldg., plans to build 5 story, 40 x 120 ft., concrete, steel and terra cotta, on St. Clair and Adams Sts. About $300,000. H. W. Wachter, 314 Close Realty Bldg., archts. and engr.

Ind., Ft. Wayne—Almshouse Comrs. Allen Co. having plans prepared by C. R. Weatherhogg, archt., Hamilton Bank Blk., for 2 story, rein-con., brick and steel, near here. About $600,000.

Ind., Indianapolis—Church—Tabernacle Presbyterian Church, 11th and Meridian Sts., having plans prepared by J. W. Corbusier, Lennox Bldg., Cleveland, O., and R. F. Doggat, Indianapolis, archts., for 1 and 2 story, brick, steel and stone, brick foundation, on East 30th St. and Central Ave. About $300,000.

Mich., Ann Arbor—Dormitories—University of Michigan having plans prepared by York & Sawyer, archts a nd engrs., 50 East 41st St., New York City, for brick, steel and stone, brick foundation. About $700,000.

Mich., Detroit—Bank—Bank of Detroit, Fort St. W., having plans prepared by Glaver, Dinkelberg & Ellington, archts., Book Bldg., for 2 story, 50 x 195 ft., rein.-con., brick, steel and stone, rein.-con. flooring, concrete foundation, on Fort St.

Mich., Flint—Y. M. C. A. having plans prepared by Davis, McGrath & Kiessling, archts., 220 5th Ave., New York City, for several brick, steel and stone dormitories, brick foundation. About $500,000.

Mich., Lansing—School—Bd. Educ. had plans prepared by J. N. Churchill, archt., Lansing, for 3 story, 80 x 306 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $325,000.

Wis., De Pere—College—St. Norberts College having having plans prepared by W. E. Reynolds, archt., 113 South Roosevelt St., Green Bay, for 3 story, rein.-con. and brick addition, rein.-con. flooring, concrete foundation. About $250,000.

Wis., Kenosha—Hotel—M. A. Rasmussen, Somers, plans to build 6 story, rein.-con. and brick, rein.-con. flooring, concrete foundation on Park St. About $300,000. Architect and engineer not selected.

Wis., La Crosse—Grade School—Bd. Educ. soon receives bids building 2 story, rein.-con., brick, steel and stone. About $120,000. O. Merman, La Crosse, archt.

Wis., Manitowoc—Club, Store and Office—Manitowoc Aerie of Eagles plans to build 3 story, 100 x 220 ft., rein.-con., brick and steel, brick foundation, on South Main St. About $200,000. Architect not selected, probably private plans. J. Koutnik, 1114 South Main St., chn.

Wis., Manitowoc — Hotel — J. M. Kadow, 1116 Washington St., plans to build 2 story, 120 x 156 ft., concrete, steel and brick, rein.-con. flooring, concrete foundation. About $100,000. S. F. Kadow, 97 Wisconsin St., Milwaukee archt.

Wis., Reedsburg—Bank and Office—Reedsburg State Bank had plans prepared by Childs & Smith, archts., 64 East Van Buren St., Chicago, for 2 story, 25 x 183 ft., brick, rein.-con. and steel, brick foundation, on Main St. About $100,000. R. P. Perry, pres.

Wis., Sheboygan—Clinic — Sheboygan Clinic Assn., having preliminary plans prepared for 3 story, 65 x 200 ft., rein.-con., brick and steel, brick foundation. About $100,000. W. Gunther, 902 North 8th St., pres.

Ia., Des Moines—Office—Central Assurance Co., Central Life Bldg., plans build 10 story, 130 x 187 ft., on 5th Grand Ave. About $500,000. G. B. Pres. Architect not selected.

Minn., Austin—High School—Bd. Ed plans to build 3 story, rein.-con., brick steel. About $500,000. J. E. Crippen,

Minn., Duluth—School—Cathedral Par 231 West 4th St., soon lets contract build 2 story, 110 x 150 ft., concreete, steel, br and limestone, rein.-con. flooring, concr foundation, on 28th Ave. About $250,0 Maginnis & Walsh, 100 Boylston St., B ton, Mass., archts. Noted June 10.

Minn., Gilbert—Hospital—St. Louis (Duluth) plans to build 3 story, 120 x 1 ft., rein.-con., brick and steel, rein.-co flooring, concrete foundation, here. Abo $275,000. A. A. Frost, Eveleth, chn. Arc tect not selected.

Minn., Minneapolis—Chapel, Auditoriu etc.—First Baptist Church having pla prepared by Kees & Colburn, archts., 2 Plymouth Bldg., remodeling chapel and lo and enlarging auditorium, on 10th St. an Harmon Pl. About $190,000. W. B. Rile pastor.

Minn., Pine Island—High School—Bd Educ. plans to build 2 story, 60 x 106 ft rein.-con. and brick. Stebbins & Haxby 445 Auditorium Bldg., Minneapolis, archts

Minn., St. Paul—Municipal—City and Ramsey Co. having plans prepared by C. A Hausler, city archt., for municipal buildings rein.-con. and brick, on 3rd and Cedar Sts. About $400,000.

Kan., Emporia—Hospital—Lyon Co. Hospital Bd. rejected bids received Aug. 2, building 4 story, 40 x 150 ft., rein.-con. rein.-con. flooring. Additional bonds for project will be voted later. J. H. Felt & Co., 802 Grand Ave. Temple, Kansas City, Mo., archts. Noted July 29.

Kan., Kansas City—Passenger Station—Chicago, Rock Island & Union Pacific R R. Union Station Bldg., Kansas City, Mo., had plans prepared building 1 story, 34 x 141 ft., stone, rein.-con. and terra cotta, on 7th St and terminal tracks, here. About $150,000. J. V. Hanna, ch. engr. Rose & Peterson, Barker Bldg., archts.

S. D., Waverly—School—Independent School Dist. 1, will probably receive bids in fall, building 2 story, 80 x 109 ft. rein.-con. and brick. About $100,000. M. T. Anthony, clk. K. T. Snyder, 739 Plymouth Bldg., Minneapolis, Minn., archt.

Mo., Desloge—Hotel and Bathhouse—Goff Mineral Springs & Hotel Co. plans to build modern hotel and bathhouse. About $250,000. J. L. Goff, pres.

Mo., Elvins—School—Bd. Educ. having plans prepared by J. H. Felt, archt., Grand Ave. Temple Bldg., Kansas City, for 3 story, 45 x 150 ft., brick, rein.-con. flooring. About $100,000.

Tex., Amarillo—Coliseum—City plans election soon to vote on $300,000 bonds to build coliseum. Address, mayor.

Tex., Cisco—High School—City voted $250,000 bonds to build high school.

Tex., Dallas—School—School Bd. receives bids about November, building 2 story, brick and concrete, on Haskell and McKinney Sts. About $600,000. Former bids rejected. Noted May 6.

Tex., El Paso—Office—See "Industrial Works."

Que., Hull—Memorial—City having plans prepared building memorial. About $100,000. Architect not selected.

Que., Montreal—Store—Normandin & Freres, Baeulieu St., plan to build 3 story, 100 x 147 ft., concrete, brick and steel, concrete foundation, on St. Lawrence St. About $105,000.

Ont., Ottawa—Hospital—City plans to build tuberculosis hospital on Carling Ave. About $200,000. Architect not selected.

BIDS DESIRED

Me., Madison—High School—Bd. Educ. receiving bids building 2 story, 80 x 146 ft. brick and steel, concrete foundation, on Folsom St. About $125,000. H. S. Coombs, 11 Lisbon St., Lewiston, arcts.

N. H., Manchester—High School—Until Aug. 31, by Bd. Educ., building 3 story, 40 room, brick, concrete and steel, rein.-con. flooring, concrete foundation. About $450,000. C. R. Whitcher, 814 Elm St., archt. Noted April 8.

Buildings (Continued)

N. H., Manchester—High School—Until Aug. 31, by Bd. Educ., building 3 story, 100 x 110 ft., brick and steel, rein.-con. flooring, concrete foundation, on Notre Dame Ave. About $300,000. W. E. Provost, 581 Union St., archt. Noted April 8.

N. H., Manchester — School — Until Aug. 31, by Bd. Educ., building 2 story, brick, concrete and steel, rein.-con. flooring, concrete foundation. About $150,000. W. M. Butterfield Co., 801 Beech St., archts. Noted June 17.

Mass., Wareham—School—Until Aug. 17, by Bd. Educ. building 1 story, 100 x 160 ft., tile, brick and steel. About $100,000. W. H. McLean, 110 Tremont St., Boston, archt.

N. Y., Brooklyn—Bank—Until Aug. 23, by W. H. Gompert, archt. and engr., 171 Madison Ave., New York City, building 2 story, 50 x 120 ft., brick, steel and stone, brick foundation, on Pennsylvania and Liberty Aves., for Homestead Bank of East New York, 141 Pennsylvania Ave. About $300,000.

Pa., Coatesville — Hotel — R. A. Kerns, archt. and engr., 10 South 18th St., Phila., receiving bids building 3 story, 50 x 70 ft., brick, for I. Forman, 205 Main St. Cost to exceed $100,000.

Pa., East Pittsburgh—School—C. P. Hitchens, archt., 1st Natl. Bank Bldg., Pittsburgh, receiving bids building 2 story, 22 x 51 ft., and 111 x 139 ft., limestone, brick and steel, rein.-con. flooring, on Howard and Madison Aves., for Bd. Educ. About $250,000.

Pa., Jeanette—High School—Until Sept. 2, by Bd. Educ., building 2 story, 125 x 225 ft., brick and steel, rein.-con. flooring. About $200,000. W. J. Peoples, Monongahela Bank Bldg., Pittsburgh, archt. Former bids rejected. Noted July 15.

O., Lakewood (Cleveland P. O.)—Grade School—Until Aug. 25, by Bd. Educ., building 2 story, 44 x 92 ft., brick, steel and concrete annexes, to Lincoln, McKinley and Franklin Schools. About $250,000. C. W. Hopkinson, Rose Bldg., Cleveland, archt. Noted Feb. 12.

O., Urbana—School—Until Aug. 26, by H. Baker, clk. Bd. Educ., building 2 story, 75 x 75 ft. fireproof construction, on South Main St. About $100,000. F. Y. Mueller, Rentschler Bldg., Hamilton, archt.

Ind., Indiana Harbor — Theatre — C. E. Potts, c/o Inland Steel Co., Mill Block Ave., receiving bids building 1 story, 100 x 300 ft., rein.-con., brick, steel and terra cotta. About $350,000. N. L. Newhouse, 4630 Prairie St., Chicago, archt.

Ind., Petersburg — Court House — Until Aug. 30, by Comrs. Pike Co., building 3 story, 110 x 110 ft., rein.-con., brick, steel and stone. About $400,000. E. E. Dunlap, 909 State Life Bldg., Indianapolis, archt.

Mich., Adrian — School — P. Dederichs, archt., 501 Chamber of Commerce Bldg., receiving bids building 3 story, 69 x 136 ft., brick and stone, concrete foundation, for St. Josephs Academy. About $125,000.

Mich., Detroit—Hotel—Until Aug. 20, by M. H. Finkel, archt., 333 Majestic Bldg., constructing 4 story, 100 x 100 ft., brick and steel, brick foundation, on Montcalm Ave., for S. Plotkin, c/o architect. About $125,000.

Ia., Ollie—School—Until Sept. 3, by Bd. Educ., building 2 story, 58 x 98 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation. About $100,000. J. D. Ridgeway, secy. W. E. Hulse & Co., 309 Securities Bldg., Des Moines, archts. Noted Feb. 19.

Minn., Ely—Housing—Until Aug. 20, by S. S. Rumsey, archt. and engr., Wolvin Bldg., Duluth, building 18 houses, various sizes, rein.-con., steel and brick, concrete foundation, at Pioneer and Sibley Mines, for Oliver Iron Mining Co., Wolvin Bldg., Duluth. About $135,000.

Kan., Lincoln—School—Until Aug. 24, by Bd. Educ., building 2 story, brick, stone and rein.-con. W. W. Troupe, secy. W. H. Saylor Co., Mutual Bldg., Kansas City, Mo., engrs. Noted July 8.

Col., Denver—High School—Until Sept. 15, by School Bd., building Morey Jr. High School, 2 story, 158 x 340 ft., rein.-con., brick and tile, concrete foundation, on 13th and 14th Aves. and Emerson and Clarkson Sts. About $450,000. Fisher & Fisher, Century Bldg., archts.

Ont., Ottawa—Schools—Until Aug. 26, by Public School Bd., building 3 story additions to Cambridge St. and 5th Ave. Schools, concret foundation. About $117,000 and $172,000 respectively. W. C. Beattie, Elgin St. School, archt.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Mass., Cambridge — Hospital — E. T. Graham, archt., 20 Beacon St., Boston, received only bid building 3 story, 77 x 140 ft., brick, concrete and steel addition to City Hospital, on Cambridge St., Mt. Auburn Sect., from Walsh Bros., 150 Hampshire St., $201,000. Noted Aug. 5.

★**Mass., Mattapan** (Boston P. O.)—Store and Offices—A. D. Boyle, archt., 498 Norfolk St., let contract to J. Rugo, 173 Magnolia St., Roxbury, building 2 story, brick, concrete and steel, rein.-con. flooring, concrete foundation, on Blue Hill Ave. and Oakland St. About $100,000. Owner's name withheld.

Mass., New Bedford—School—Bd. Educ. received only bid building 2 story, 153 x 166 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on Summer St. from G. Howard & Sons Co., 153 Main St., Brocton. About $724,000. Noted July 22.

★**R. I., West Warwick** (Warwick P. O.) — Theatre — Black-Spitz Theatres, Inc., Caesar-Mesch Bldg., Providence, let contract building 1 story, 60 x 155 ft. brick, steel and stone, concrete foundation, to Weiss Constr. Co., 40 Court St., Boston. About $100,000.

Conn., Bristol — High School — School Comn. received bids Aug. 3, building 4 story, 150 x 250 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, at Dunbar Meadows, from G. Dose Eng. Corp., 43 West 27th St., New York City, $947,952; T. J. Pardy Constr. Co., 1481 Seaview Ave., Bridgeport, $952,000. Noted July 22.

★**Conn., Naugatuck**—Housing—Goodyear India Rubber Glove Co., 58 Maple St., let contract building several 2 story, brick and frame houses for workmen, concrete foundation, to F. T. Ley & Co., Inc., 499 Main St., Springfield, Mass. About $200,000.

★**Conn., Sound Beach** — Business — G. Boles, Riverside Ave., will build 2 story, 44 x 201 ft., brick and steel, rock foundation, on Main St. Work will be done by day labor.

★**Conn., South Norwalk** — Business — F. Jacoby, 1075 Broad St., Bridgeport, let contract constructing 2 story, 90 x 105 ft., brick, concrete and steel, wood flooring, concrete foundation, on South Main St., here, to T. J. Pardy Constr. Co., 1484 Seaview Ave., Bridgeport.

★**N. Y., Brooklyn**—School and Auditorium—Hebrew Institute of Borough Park, c/o L. A. Abramson, archt. and engr., 46 West 46th St., New York City, will build 3 story, brick, steel and stone, on 14th Ave. between 50 and 51st Sts. About $400,000. Work will be done by day labor under supervision of architect.

★**N. Y., New York**—Hotel—Hotels Statler, Pennsylvania Hotel, let contract building 2 story, brick, steel and stone addition to Pennsylvania Hotel, on 33rd St. and 7th Ave., to G. A. Fuller, 175—5th Ave. About $250,000.

★**N. Y., New York**—Office—J. McE. Bowman Hotel Commodore, let contract converting Hotel Manhattan, on 42nd St., into office building, to G. A. Fuller, 175—5th Ave. About $800,000.

★**N. J., Hackensack**—Hospital—Hackensack Genl. Hospital, 3rd St., let contract building brick, steel and stone addition to hospital, rein.-con. flooring, concrete foundation, also 1 story power plant, to W. H. White Constr. Co., Hackensack. About $150,000. Noted April 29.

N. J., Roselle Park (Elizabeth P. O.)—School—Bd. Educ. received bids building 1 and 2 story, 77 x 118 ft., concrete and brick, in Aldene Park, from C. Flochen, 681 Newark Ave., Elizabeth, $126,998; Flynn Bros., 390 George St., New Brunswick, $131,009. Noted July 29.

★**Pa., Pittsburgh**—University—University of Pittsburgh, Bigelow and Parkman Sts., let contract constructing engineering school, 1 story, 50 x 180 ft., brick and steel, to Austin Co., Union Arcade. About $100,000.

★**Va., Richmond**—Church, Parish House, etc.—Church Holy Comforter, W. E. Cox, pastor, 2110 Grove Ave., let contract building 1 and 2 story, brick and steel, to C. H. Archer, 2515 Hanover St. About $130,000, cost plus percentage basis.

★**W. Va., Morgantown**—Bank and Office—Monongahela Bldg. Co. let contract building 8 story, 78 x 86 ft., brick, steel and limestone, rein.-con. flooring, on High and Court Sts., to Cole Bros. Co., Morgantown. About $300,000.

★**O., Cleveland** — Church — Christian Church, c/o C. Tousley, archt., 4500 Euclid Ave., let contract building 1 story, 45 x 72 ft. concrete, brick and steel, rein.-con. flooring, concrete foundation, on Lorain Ave. and West 119th St., to T. H. Brooks & Co., 3104 Lakeside Ave. About $100,000.

O., Cleveland—High School—Bd. Educ., East 6th St. and Rockwell Ave., received bids building addition to South High Annex, 1 story, 50 x 200 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Bway., from A. A. Lane Constr. Co., 1836 Euclid Ave., $87,960; C. Peterson Co., 4500 Euclid Ave., $98,000; C. A. Carson Co., 1721 East 38th St., $100,840. F. G. Hogan, dir.

O., East Cleveland—School—Bd. Educ. received bids July 30., building 2 story, 12 room, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Mayfair Rd., from Tenbusch-Parker Constr. Co., Union Bldg., Cleveland, $168,662; C. Peterson Co., 4500 Euclid Ave., Cleveland, $170,260; Schirmer-O'Hara Co., 2031 Euclid Ave., Cleveland, $182,000. Noted July 22.

★**O., Lakewood** (Cleveland P. O.)—Bank and Commercial—Colonial Savings & Loan Co., 14600 Detroit Ave., let contract building 2 story, 47 x 80 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Detroit Ave. and Warren Rd., to F. W. Shaw, 17416 Norton Ave. About $100,000.

★**Ind., Hillsboro**—School—Bd. Educ. let contract building 2 story, 61 x 114 ft., rein.-con., brick and steel, to J. K. Mitchell Co., Lebanon. About $100,000.

Ind., Indianapolis — Hospital—Methodist Hospital received only bid building 6 story, 75 x 100 ft., wing, rein.-con., brick and steel, on 16th St., from J. G. Karstedt, 429 Lemcke Bldg.

★**Ind., Terre Haute**—School—Trustees Van Buren Twp., Brazil, let contract building 2 story, 75 x 150 ft., brick and stone, here, to Urban & Apple, Brazil. About $125,000.

★**Mich., Detroit**—Schools—Bd. Educ. let contracts furnishing labor and material building (1) Pattengill School, (2) George School, (3) White School, (4) Davison School, (a) masonry, (b) carpentry, (c) heating, (d) electric wiring, to F. H. Goddard, 516 Franklin St., (1a) $188,860; Harcus Co., 774 Russel St., (1b) $86,834, (2b) $33,067; Irvine & Meier, 2289 Woodward Ave., (1c) $94,272; J. Miller Electric Co., 258 Randolph St., (1d) $12,868; M. Bartholomaei Son & Co., 466 East Warren Ave., (2a) $91,445; J. W. Partlan, 51 Park Pl., (2c) $56,995 (3c) $92,850; Howell-Sewell Co., 24 East Woodbridge St., (2d) $9,490, (3d) $14,600; J. Bollin, 906 Bellevue Ave., (3a) $256,885; E. Thiede, 287 Berlin St., (3b) $66,500; Culbertson & Kelly, 814 Ford Bldg., (4a) $96,347; H. M. Martens Co., 221 Moffat Bldg., (4b) $52,167; O'Connor Bros., Vinton Bldg., (4c) $85,741; Iron City Eng. Co., 1332 Dime Bank Bldg., (4d) $7,745. Noted July 29.

★**Ill., East St. Louis**—Office—See "Industrial Works."

★**Ia., Spencer**—Hotel—T. M. Tangley let contract building 4 story, 86 x 117 ft., brick, rein.-con. and steel, to Spencer Constr. Co., Spencer. About $144,000.

★**Minn., Eveleth**—Housing—Oliver Mining Co., Wolvin Bldg., Duluth, will build 14 houses, various sizes, rein.-con., and brick, concrete foundations, at Leonidas Mine. About $111,000. Work will be done by day labor.

Minn., Minneapolis—School—Bd. Educ. received bids July 30, building Eugene Field Grade School, 2 story, 60 x 191 ft., rein.-con. and brick, on 46th St. between 4th and 5th Aves., from Fleisher Constr. Co., 608 Builders Exch., $138,000, J. & W. A. Elliott Co., 906 Lumber Exch., $139,892, F. N. Hegg, 2942 Nicollet Ave., $141,641. Noted July 15.

★**Kan., Winfield**—Hotel—Winfield Hotel Co. let general contract building 14 story, 94 x 135 ft., rein.-con., brick and steel, rein.-con. flooring, to Westlake Constr. Co., Ry. Exch. Bldg., St Louis About $750,000.

★**N. D., Bismarck**—Memorial—State Bd. Administration let contract building (1st story) of 3 story, 51 x 100 ft., rein.-con. and Bedford stone, on Capitol grounds, to Colwell-Long Co., 354 Plymouth Bldg., Minneapolis, Minn., $87,742. Total cost $200,000. Noted July 22.

Buildings (Continued)

★Wyo., Casper — Bank and Office — Garbutt Weidner & Sweeney, archts., Oil Exch. Bldg., let contract to Reavill & Shobloom, Bank Bldg., Denver, Col., building 6 story, 100 x 100 ft., brick, stone and terra cotta, for Wyoming Natl. Bank. About $316,500. Noted May 13.

★Mo., Springfield—Church—Grace Methodist Episcopal Church let contract building 2 story, 98 x 156 ft., concrete and stone, to G. F. Hentschel, Aurora. About $125,000. Noted April 29.

★Col., Denver—Office and Exchange—Mountain States Telephone & Telegraph Co., 1429 Champa St., will build 2 or 4 story, 125 x 150 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on 14th and Curtis Sts. About $350,000. Work will be done by day labor.

★Ariz., Mesa—Schools—School Dist. let contracts building 1 story, 10 room, also 1 story, 2 room, both brick, tile and stucco, to R. P. Morrison & Co., Phoenix, $86,000 and $13,900 respectively.

★B. C., Marpole — School — Point Grey School Trustee, Kernsdale, will build 3 story, rein.-con. and brick, concrete foundation, here. About $175,000. Work will be done by day labor.

Federal Government Work

Order 166—Bureau Yards & Docks, Navy Dept., Wash., D. C. — It is directed that hereafter no estimated cost to be given or published on prospective projects, either prior to or during period of advertisement.

PROPOSED WORK

D. C., Wash.—Building Extension—Treas. Dept., Wash., D. C., plans to construct extension to 4th floor, with new roof of east and north end of Treasury Bldg. J. A. Wetmore, superv. archt.

O., Dayton—Barracks, Mess Hall, etc.—Natl. Military Home plans to remodel five 3 and 4 story barracks, also build new mess hall, brick, rein.-con. flooring, brick foundation. About $250,000. Schenk & Williams, Mutual Home Bldg., archts.

BIDS DESIRED

Tex., Del Rio — Sewage Ejector — Until Aug. 27, by Treas. Dept., Wash., D. C., installing in Post Office and Courthouse, here. J. A. Wetmore, superv. archt. Noted July 29.

Ore., Astoria—Remodeling Post Office—Until Aug. 31, by Treas. Dept., Wash., D. C., remodeling, here. J. A. Wetmore, superv. archt. Noted Aug. 5.

Cal., Marc Island — Heating System — Spec. 4189—Until Aug. 25, by Bureau Yards & Docks, Navy Dept., Wash., D. C., furnishing and installing in structural shop at Navy Yard, here; $10 deposit required for plans and spec. Noted July 15.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Me., Augusta — Remodeling Post Office and Courthouse—Treas. Dept., Wash., D. C., received only bid Aug. 4, remodeling, here, from G. W. Wright, Inc., Monadnock Blk., Chicago, $7,580. Noted July 15.

N. J., Jersey City—Remodeling Post Office—Treas. Dept., Wash., D. C., received bids Aug. 5, remodeling, here, from D. E. Conners, 15 West 91st St., New York City, $19,000; J. C. McKenna, 348 Sprigg St., West Hoboken, $19,262. Noted July 22.

★Tenn., Chattanooga—Extending Workroom—Treas. Dept., Wash., D. C., let contract extending workroom and driveway, also altering interior of U. S. Post Office and Courthouse, here, to W. P. Thurston, Merchants Natl. Bank, Richmond, Va., $9,400. Noted Aug. 5.

Utah, Park City—Post Office—Treas. Dept., Wash., D. C., received only bid Aug. 2, building, here, from King Lumber Co., Charlottesville, Va., $34,950. Noted July 1.

Miscellaneous

PROPOSED WORK

Transmission Line—Point Pleasant N. J.—Lakewood & Coast Electric Co., Arnold Ave., plans to build 15 mi. 13,200 volt, 3 phase, 3 wire transmission line from here to Sea Side Heights. S. W. Borden, genl. mgr.

Piers—Phila., Pa.—Dept. Wharves, Docks & Ferries, Bourse Bldg., plans to raze present piers and build two 160 x 550 ft. and one 80 x 550 ft. piers, on Delaware Ave. between Market and Appletree Sts. About $4,000,000.

Tract Development — Logan, W. Va. — Merrill Coal Co. plans to develop tract on Little Buffalo Creek, Logan Co., to be known as Henlawson, cost $1,000,000. Work includes bridge, $100,000, also 3 mi. railway along above creek, $300,000. Address C. Jones, c/o owner.

Transmission Line — Stephen, Minn. — Minnesota Electric Distributing Co., Crookston, plans to build 50 mi. transmission line from here to Crookston.

Dam—Billings, Mont.—Yellowstone Irrigation Assn. having pains prepared for dam over Yellowstone River to irrigate 500,000 acres in Yellowstone Valley. J. Locke, secy.

Dam — Cotter, Ark. — Dixie Power Co., Little Rock, applied to Congress for approval for building 1,800 ft. dam, 200 ft. high, across White River, near here, to generate electrical power. H. A. Allen, Chicago, Ill., archt.

Electric Light System — Niagara Falls, Ont.—City Council passed by-law authorizing $33,000 to extend and improve electric light system. O. T. Black, City Hall, engr.

BIDS DESIRED

Plumbing, etc.—Brooklyn, N. Y.—Until Aug. 18, by E. S. Walsh, supt. pub. wks., Capitol, Albany, installing plumbing and water supply system at Barge Terminal, Greenpoint, Cont. 223-P. About $6,500.

Terminal—Buffalo, N. Y.—Until Sept. 9, by E. S. Walsh, supt. Pub. Wks., Albany, building portions dock wall around Ohio Basin, here, Contr 53-A, storage yards at Erie Basin, here, Contr. 76, also furnishing and installing jib cranes at Barge Canal terminal, at Erie Basin, here, Contr. 114; advertised in this issue.

Terminal—Rouses Point, N. Y.—Until Sept. 9, by E. S. Walsh, supt. Pub. Wks., Albany, completing terminal, here, Contr. 26-A; advertised in this issue.

Pumps—Summit, N. J.—Until Aug. 17, by Common Council, furnishing two 2,000,000 and one 1,000,000 gal. centrifugal sewage pumps with motors. F. C. Kentz, clk.; advertised in this issue. Noted July 15.

Foundation, Tunnels, etc. — McKeesport, Pa. — McKeesport Hospital receiving bids building foundations, tunnels and chimney for 4 story, 46 x 52 ft. and 37 x 168 ft. dormitory, also power house and 43 x 54 ft. nurses' home, both 3 story. Total cost, $ 250,000. S. F. Heckert, Bessemer Bldg., Pittsburgh, archt.

Rail—Phila., Pa.—Until Aug. 17, by W. S. Twining, dir. Dept. City Transit, 1211 Chestnut St., furnishing 800 gross ton special 70 lb. conductor rail for Frankford Elevated Ry. (Constr. 547).

Ash Fillers, Coal Platform, etc.—Baltimore, Md.—Until Aug. 18, by Bd. Awards, c/o City Register, building 4 ash conveyor fillers, 1 coal weighing and 1 valve operating platform, at Sewage Pumping Sta. on Eastern Ave. and President St. H. G. Perring, ch. engr.

Gravel Pit Outfit—Richmond, Va.—F. F. Hough, 106 North 8th St., receiving bids for gravel pit outfit.

Retaining Wall, etc.—Cleveland, O.—Until Sept. 6, by Bd. Educ., East 6th St. and Rockwell Ave., building concrete retaining wall, iron fence, and grading and laying brick walks, at North Doan School. About $40,000. W. R. McCormack, c/o Bd. Educ., engr.

Steel, Cement and Boilers — Hartford, Wis.—Kissell Motor Co. receiving bids furnishing steel and concrete for boiler plant, also several pipe boilers. About $25,000. Cahill & Douglas, 217 West Water St., Milwaukee, engrs.

Paving Material—St. Paul, Minn.—Until Aug. 16, by H. W. Austin, purch. agt., City Hall, furnishing 2,970 bbl. Portland cement, 2,227 cu.yd. crushed rock for concrete base, 1,338 cuyd. concrete sand, 144 cu.yd. crushed rock or gravel for curb, 100 cu.yd. screened sand, 241 ton asphalt [illegible] ment, 915 cu.yd. fine asphalt sand, [illegible] ton limestone dust, 328 ton trap rock [illegible] asphalt concrete surface, 655 ton bin[illegible] stone, 302 lin.ft. 12 in. vitr. clay sewer pi[illegible] etc.

Sludge Pump and Motor—Willmar, Min[illegible]—Until Aug. 22, by H. Gunderson, city cl[illegible] furnishing sewer sludge pump and 5 h[illegible] electric motor.

Wharf—Owen Sound, Ont.—Until Aug. 31, by Dept. Pub. Wks., Ottawa, buildin[illegible] wharf, 739 ft. long, 10 ft. wide, on p[illegible] bent substructure and concrete superstru[illegible] ure, with stone filling. About $70,000. [illegible] Lafleur, Ottawa, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Bricks—Boston, Mass.—City let contract furnishing 200,000 vitr. paving bricks, to J. W. Hahn, 166 Devonshire St. Noted July 29.

Paving Bricks—Boston, Mass.—City let contract furnishing 200,000 vitr. paving bricks, to J. W. Hahn, 166 Devon St.

★Tunnel — Foxboro, Mass. — Massachusetts State Hospital, Dept. Mental Diseases, Boston, will build 6 x 7 x 120 ft., rein.-con. tunnel, here. Work will be done by day labor.

★Foundation — Waterbury, Conn. — St. Mary's Hospital, Franklin St., let contract building concrete foundation for 5 story, 60 x 132 ft. addition, to G. S. Chatfield Co., 138 Division St. Total cost, $500,000. Noted July 22 under "Buildings."

Highway Materials—New York, N. Y.—Bd. Purchase, 526 Municipal Bldg., let contract furnishing and delivering highway materials to Dept. of Parks, to G. J. Wolf, 143 Brook Ave. About $2,000. Noted July 15.

Road Materials—New York, N. Y.—Bd. Purchase, Municipal Bldg., let contract furnishing and delivering wood paving blocks, sand, cement, broken stone, etc., to Amer. Creosoting Co., 17 Battery Pl., $8,445. Noted July 8.

★Subway—Chicago, Ill.—Illinois Central R.R., 161 West Jackson Blvd., let contract building subway, crossing Michigan Ave. at Randolph St., to Nash-Dowdle Co., 29 South La Salle St.

★Condenser — Port Washington, Wis. — City let contract furnishing, building and connecting condensor, to Nordberg Mfg. Co., Chicago and Oklahoma Sts., Milwaukee. About $10,000.

★Transmission Line — Spooner, Wis. — Apple River Milling Co. let contract building 30 mi. 22,000 volt transmission line, to St. Paul Electric Co., 145 East 5th St., St. Paul. About $30,000.

★Pumping Equipment—Pipestone, Minn.—City let contract furnishing pumping equipment for waterworks system, to R. B. Whitacre & Co., 205 South Robert St., St. Paul. Noted June 29, under "Waterworks."

Paving Material—St. Paul, Minn.—H. W. Austin, purch. agt., received bids July 26, furnishing following materials for paving Fairfield Ave., 2,608 cu.yd. crushed rock for concrete base, from J. L. Shiely Co., 6th and St. Peters Sts. and Stiefel Fuel & Cement Co., 501 Concord St., at $2.74 per cu. yd.; 488 cu.yd. binder stone, from Minnesota Crushed Stone Co., 1500 Johnson St., N. E., Minneapolis, $2.75, f.o.b asphalt plant

White Way and Street Lighting System—Watertown, S. D.—City received bids installing white way and street lighting system, from St. Paul Electric Co., 145 East 5th St., St. Paul, Minn., $99,898; Kelly Constr. Co., 314 South Barstow St., Chippewa Falls, Wis., $108,450; Electric Constr. Co., 174 East 6th St., St. Paul, Minn., $108,660.

★Foundation—Denver, Col.—School Bd. let contract building concrete foundation for Morey Jr. High School, 2 story, 158 x 340 ft. rein.-con., steel and brick, to A. Olson, 655 Vine St. About $35,000.

★Pier—Seattle, Wash.—Great Northern R.R., 714 2nd St., let contract rebuilding Smith Cove pier, 600 ft. long and 122 ft. wide, to J. A. Mc Eachern Co., Colman Bldg. About $75,000.